

Converting Colors

XYZ(72.5392, 81.8450, 94.3774)

Have a look what the booklet for
XYZ(72.5392, 81.8450, 94.3774)
contains.

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Color

**XYZ(72.6204, 81.8768,
94.4144)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF0F0
RGB	207, 240, 240
RGB Percent	81%, 94%, 94%
CMY	0.1882, 0.0588, 0.0588
CMYK	0.14, 0.00, 0.00, 0.06
HSL	180°, 52%, 88%
HSV	180°, 14%, 94%
XYZ	72.6204, 81.8768, 94.4144
YIQ	230.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

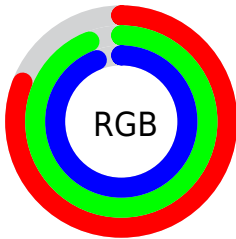
Format	Color
R_{YB}	207, 224, 240
Decimal	13627632
CIE _{Lab}	92.52, -10.66, -3.61
CIE _{LCh}	93, 11.257, 198.719
Yxy	81.8768, 0.2918, 0.3289
Android (android.graphics.Color)	4291817712 (0xFFCFF0F0)
YUV	230.1330, 4.8644, -20.2876
Hunter-Lab	90.4858, -15.0930, 1.4759

Details

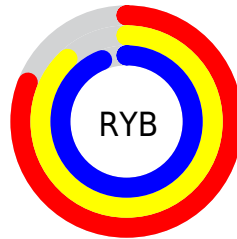
The XYZ color **72.6204, 81.8768, 94.4144** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.5134, 67.6582, 68.4307**, and the grayscale version is **75.2897, 79.2106, 86.2604**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7411, 44.4171, 51.8789** is the 20% darker color. If you saturate the color by 10%, you get **66.4185, 78.6818, 94.1240**, and if you desaturate by 10%, it is **79.8462, 85.6040, 94.7561**.

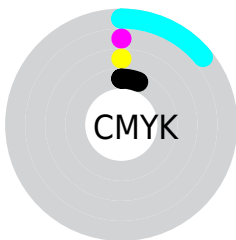
Distribution



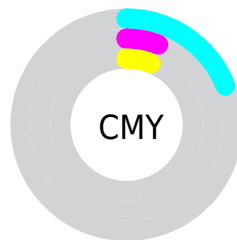
- Red (81%)
- Green (94%)
- Blue (94%)



- Red (81%)
- Yellow (88%)
- Blue (94%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (19%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6204, 81.8768, 94.4144 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 72.6204, 81.8768, 94.4144 by changing the saturation by 10% instead.

72.6204, 81.8768,
94.4144

72.6204, 81.8768,
94.4144

458.8223,
501.2355, 563.2249

53.9529, 61.2640,
71.0535

121.9442,
136.0012, 155.4439

38.7945, 44.4383,
51.9037

153.3312,
170.2816, 193.9496

26.7799, 31.0152,
36.5466

189.6888,
209.8867, 238.3407

17.5437, 20.6104,
24.5636

231.3823,
255.2008, 289.0356

10.7206, 12.8395,
15.5362

278.7770,
306.6083, 346.4529

5.9452, 7.3181,
9.0458

332.2383,

2.8521, 3.6618,

364.4937, 411.0113

4.6738

392.1317,
429.2413, 483.1291

■ 1.0761, 1.4863,
2.0018

■ 0.0049, 0.2790,
0.5564

■ 72.6204, 81.8768,
94.4144

■ 72.6204, 81.8768,
94.4144

■ 66.4185, 78.6818,
94.1240

■ 79.8462, 85.6040,
94.7561

■ 61.1876, 75.9853,
93.8774


■ 88.1307, 89.8747,
95.1457


■ 56.8807, 73.7650,
93.6740

■ 88.1310, 89.8749,
95.1475


■ 53.4442, 71.9934,
93.5113


■ 88.1314, 89.8750,
95.1494


 50.8187, 70.6400,
93.3866


 88.1317, 89.8752,
95.1512


 48.9377, 69.6704,
93.2968


 88.1321, 89.8753,
95.1531


 47.7242, 69.0448,
93.2381

 88.1324, 89.8755,
95.1549

 47.0841, 68.7149,
93.2063

 88.1328, 89.8756,
95.1568

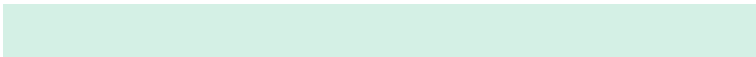
 46.8869, 68.6133,
93.1960

 88.1331, 89.8757,
95.1587

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.4404, 81.8768, 86.0390



72.6204, 81.8768, 94.4144



74.1731, 81.8768, 101.7972

Triad

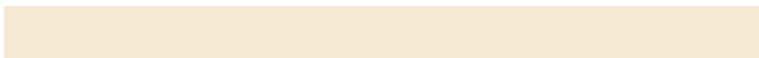
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6204, 81.8768, 94.4144



82.1206, 81.8768, 100.1932



78.9257, 81.8768, 74.2823

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



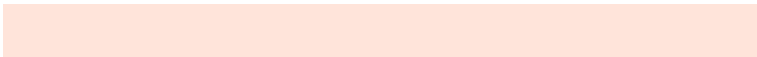
72.6204, 81.8768, 94.4144



69.5134, 67.6582, 68.4307

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.5875, 81.8768, 77.5961



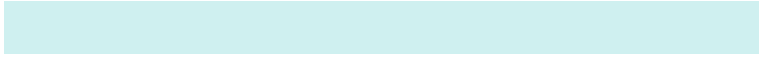
72.6204, 81.8768, 94.4144



83.4626, 81.8768, 92.3349

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6204, 81.8768, 94.4144



79.6386, 81.8768, 105.2750



83.2651, 81.8768, 84.0849



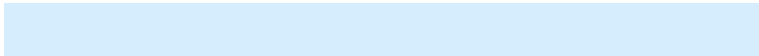
76.0322, 81.8768, 74.7617

Rectangle

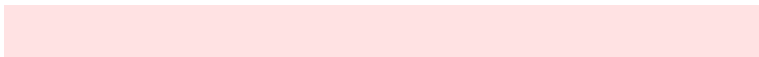
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



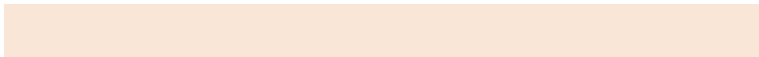
72.6204, 81.8768, 94.4144



75.8000, 81.8768, 105.0003



83.2651, 81.8768, 84.0849



79.8785, 81.8768, 74.9808

Sweetspot

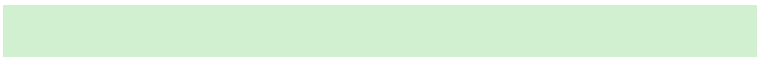
The Sweet Spot groups the original color and five complimentary colors.



72.6228, 81.8802, 94.4162



91.3963, 98.1165, 108.7282



68.3111, 80.1733, 70.9076



19.4202, 20.9276, 23.2656



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6228, 81.8802, 94.4162



80.8599, 92.6848, 108.2323



68.1318, 72.8975, 92.9216



16.2474, 17.9290, 20.3255



25.6655, 37.5582, 51.0147



2.1351, 3.1245, 4.2441

Inverse Universe

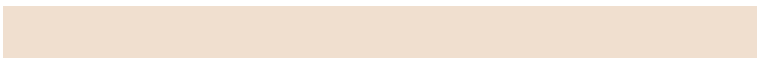
The Inverse Universe completely reimagines the original color for something new.



69.5134, 67.6582, 68.4307



76.5362, 72.9082, 72.0977



73.5749, 75.7818, 69.7825



15.7729, 15.7589, 16.3605



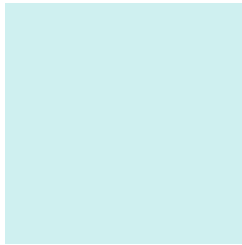
19.6716, 10.1411, 0.9211



1.6365, 0.8436, 0.0767

Previews

White Background



This preview shows how the XYZ color 72.6204, 81.8768, 94.4144 looks on a white background.

Color Contrast Check

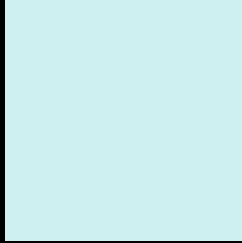
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 72.6204, 81.8768, 94.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

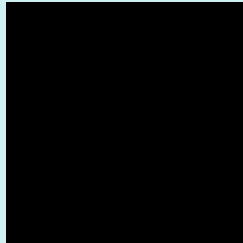
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

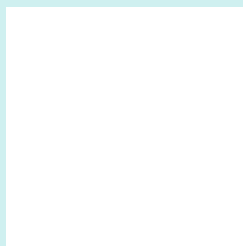
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6204, 81.8768, 94.4144

Background



This preview shows how black text looks on a background with the XYZ color 72.6204, 81.8768, 94.4144.

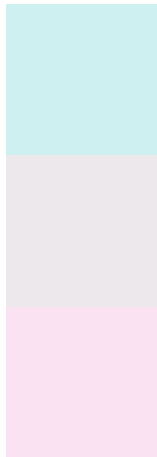


This preview shows how white text looks on a background with the XYZ color 72.6204, 81.8768,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.6204, 81.8768, 94.4144

Protanopia

78.4441, 81.5443, 90.2024

Deuteranopia

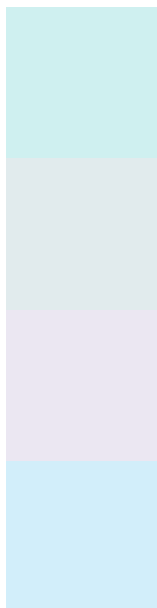
83.1577, 81.3730, 96.1177



Tritanopia

75.4856, 81.7854, 106.4154

Trichromacy



Original Color

72.6204, 81.8768, 94.4144

Protanomaly

76.0457, 81.5386, 91.8513

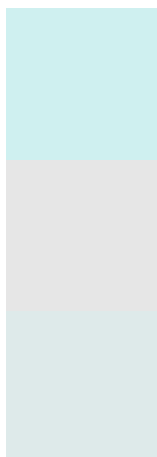
Deuteranomaly

78.8639, 81.2248, 95.5258

Tritanomaly

74.4082, 81.7528, 102.3006

Monochromacy



Original Color

72.6204, 81.8768, 94.4144

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.3983, 80.3157, 89.4232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6204, 81.8768, 94.4144 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(207, 240, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 240, 240) }
```

Border

The CSS property to change the border of an element to XYZ 72.6204, 81.8768, 94.4144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 240, 240) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(207, 240, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(207, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(207, 240,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6204, 81.8768, 94.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 240, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
240, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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