

Converting Colors

XYZ(75.1793, 84.3447, 90.3369)

Have a look what the booklet for
XYZ(75.1793, 84.3447, 90.3369)
contains.

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Color

**XYZ(74.9223, 84.0437,
90.1151)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F2EA
RGB	216, 242, 234
RGB Percent	85%, 95%, 92%
CMY	0.1529, 0.0510, 0.0823
CMYK	0.11, 0.00, 0.03, 0.05
HSL	162°, 50%, 90%
HSV	162°, 11%, 95%
XYZ	74.9223, 84.0437, 90.1151
YIQ	233.3140, -12.9280, -8.0000

Conversions

Conversions Part 2

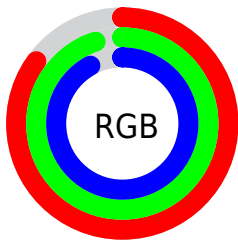
Format	Color
R _{YB}	216, 231, 242
Decimal	14217962
CIE _{Lab}	93.47, -9.97, 0.96
CIE _{LCh}	93, 10.019, 174.482
Y _{xy}	84.0437, 0.3008, 0.3374
Android (android.graphics.Color)	4292408042 (0xFFD8F2EA)
YUV	233.3140, 0.3382, -15.1844
Hunter-Lab	91.6754, -14.5515, 5.8918

Details

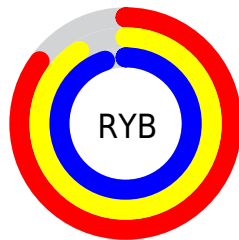
The XYZ color **74.9223, 84.0437, 90.1151** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.6314, 73.3730, 80.7538**, and the grayscale version is **77.6951, 81.7413, 89.0163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2927, 45.9092, 48.8572** is the 20% darker color. If you saturate the color by 10%, you get **67.2451, 80.2094, 84.2878**, and if you desaturate by 10%, it is **83.7022, 88.4460, 96.2324**.

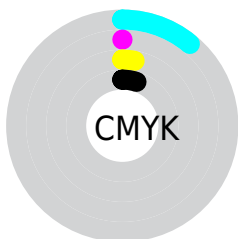
Distribution



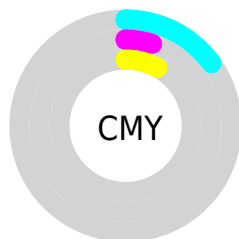
- Red (85%)
- Green (95%)
- Blue (92%)



- Red (85%)
- Yellow (91%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)




- Cyan (15%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9223, 84.0437, 90.1151 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 74.9223, 84.0437, 90.1151 by changing the saturation by 10% instead.


 74.9223, 84.0437,
90.1151

 74.9223, 84.0437,
90.1151

466.6518,
508.4583, 548.9850

 55.8432, 63.0515,
67.5019


125.1909,
139.0363, 149.4352

 40.3137, 45.8829,
49.0284

157.1110,
173.8055, 186.9791

 27.9685, 32.1534,
34.2763


194.0423,
213.9359, 230.3370

 18.4423, 21.4787,
22.8268

236.3499,
259.8117, 279.9274

 11.3696, 13.4744,
14.2616

284.3993,
311.8175, 336.1689

 6.3851, 7.7560,
8.1620

338.5559,

 3.1235, 3.9392,

370.3376, 399.4799

4.1095

399.1849,
435.7564, 470.2791

■ 1.2194, 1.6396,
1.6856

■ 0.1216, 0.3841,
0.3509

■ 74.9223, 84.0437,
90.1151

■ 74.9223, 84.0437,
90.1151

■ 67.2451, 80.2094,
84.2878

■ 83.7022, 88.4460,
96.2324

■ 60.6172, 76.9085,
78.7398

■ 90.0769, 91.6007,
102.4732

■ 54.9911, 74.1190,
73.4679

■ 91.0437, 91.9874,
107.5646

■ 50.3128, 71.8131,
68.4665

■ 46.5233, 69.9604,
63.7299

■ 43.5565, 68.5270,
59.2518

■ 41.3367, 67.4739,
55.0257

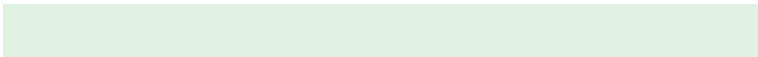
■ 39.7737, 66.7546,
51.0440

■ 38.7768, 66.3167,
47.5676

Harmonies

Analogous

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



75.8104, 84.0437, 83.3012



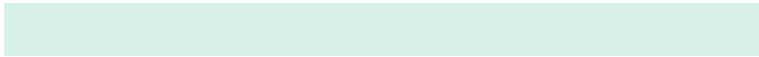
74.9223, 84.0437, 90.1151



75.3388, 84.0437, 97.6824

Triad

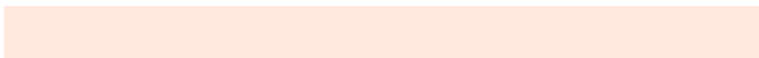
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9223, 84.0437, 90.1151



82.0084, 84.0437, 105.4235



82.8739, 84.0437, 80.1527

Complementary

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



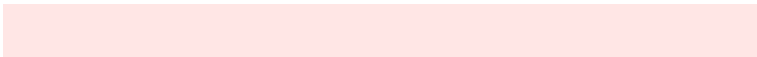
74.9223, 84.0437, 90.1151



74.6314, 73.3730, 80.7538

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.



84.6022, 84.0437, 85.6019



74.9223, 84.0437, 90.1151



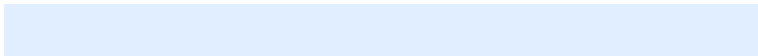
84.0948, 84.0437, 100.2396

Square

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



74.9223, 84.0437, 90.1151



79.3927, 84.0437, 106.7951



85.0538, 84.0437, 92.9178



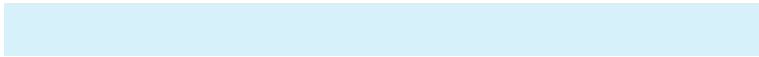
80.3713, 84.0437, 77.7565

Rectangle

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



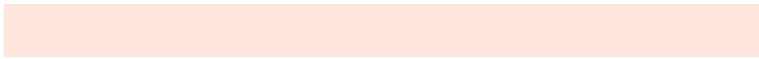
74.9223, 84.0437, 90.1151



76.3052, 84.0437, 102.1052



85.0538, 84.0437, 92.9178



83.5669, 84.0437, 81.6731

Sweetspot

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



74.9247, 84.0472, 90.1170



91.9145, 98.4271, 106.7865



74.9624, 84.3505, 77.2973



19.4983, 20.9796, 22.7369



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

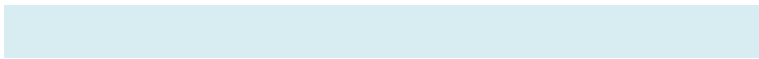
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9247, 84.0472, 90.1170



82.2887, 93.6061, 99.9543



74.7004, 81.7166, 95.8443



16.0281, 17.8413, 19.1711



20.8941, 35.6497, 25.8892



1.7825, 2.9834, 2.3869

Inverse Universe

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



74.6314, 73.3730, 80.7538



81.8945, 79.2521, 87.3645



74.8102, 75.4272, 75.5830



15.9731, 15.8390, 17.4147



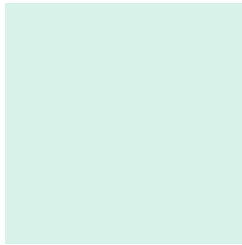
20.3978, 10.4316, 4.7456



1.7398, 0.8849, 0.6205

Previews

White Background



This preview shows how the XYZ color 74.9223, 84.0437, 90.1151 looks on a white background.

Color Contrast Check

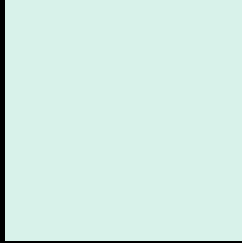
Large Text (above 18pt) WCAG AA × Fail

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 74.9223, 84.0437, 90.1151 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

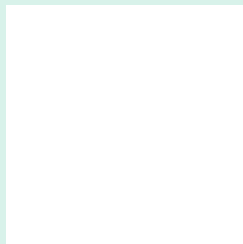
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9223, 84.0437, 90.1151

Background



This preview shows how black text looks on a background with the XYZ color 74.9223, 84.0437, 90.1151.



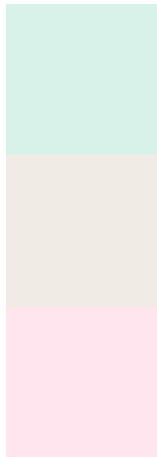
This preview shows how white text looks on a background with the XYZ color 74.9223, 84.0437,

90.1151.

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

74.9223, 84.0437, 90.1151

Protanopia

80.2669, 83.8306, 86.8133

Deuteranopia

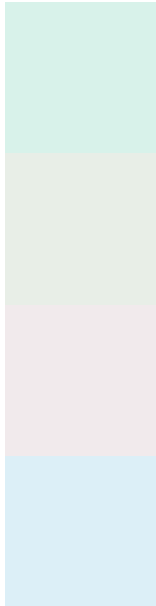
84.5454, 83.4130, 91.7651



Tritanopia

78.7487, 83.8987, 106.6513

Trichromacy



Original Color

74.9223, 84.0437, 90.1151

Protanomaly

78.2771, 84.0744, 87.7036

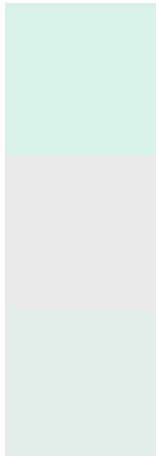
Deuteranomaly

80.8388, 83.6025, 91.2331

Tritanomaly

77.1702, 83.6640, 100.0772

Monochromacy



Original Color

74.9223, 84.0437, 90.1151

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.3820, 82.2050, 88.9322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9223, 84.0437, 90.1151 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(216, 242, 234)` looks like.

```
.text, #text, p{  
    color:rgb(216, 242, 234)  
}
```

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(216, 242, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 242, 234) }
```

Border

The CSS property to change the border of an element to XYZ 74.9223, 84.0437, 90.1151 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(216, 242, 234) }
```


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

```
.border{ border-color:rgb(216, 242, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 242, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 242, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 242, 234);  
box-shadow:4px 4px 4px 4px rgb(216, 242,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9223, 84.0437, 90.1151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 242, 234) }
```

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

```
.background{ background-color: rgb(216,  
242, 234) }
```

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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