

Converting Colors

XYZ(64.6144, 70.5746, 94.4181)

Have a look what the booklet for
XYZ(64.6144, 70.5746, 94.4181)
contains.

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Color

**XYZ(64.6628, 70.6555,
94.2342)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DFF2
RGB	194, 223, 242
RGB Percent	76%, 87%, 95%
CMY	0.2392, 0.1255, 0.0510
CMYK	0.20, 0.08, 0.00, 0.05
HSL	204°, 65%, 85%
HSV	204°, 20%, 95%
XYZ	64.6628, 70.6555, 94.2342
YIQ	216.4950, -23.3830, -0.2390

Conversions

Conversions Part 2

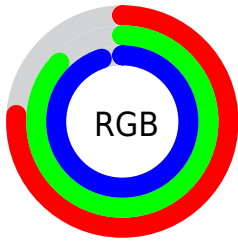
Format	Color
RYB	194, 212, 242
Decimal	12771314
CIELab	87.32, -5.58, -12.46
CIElCh	87, 13.655, 245.877
Yxy	70.6555, 0.2817, 0.3078
Android (android.graphics.Color)	4290961394 (0xFFC2DFF2)
YUV	216.4950, 12.5740, -19.7281
Hunter-Lab	84.0568, -9.7839, -7.6289

Details

The XYZ color **64.6628, 70.6555, 94.2342** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1504, 70.3608, 60.9240**, and the grayscale version is **65.5378, 68.9509, 75.0875**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **33.6808, 37.1259, 51.8452** is the 20% darker color. If you saturate the color by 10%, you get **56.4638, 62.7384, 93.1393**, and if you desaturate by 10%, it is **74.0221, 79.3893, 95.4278**.

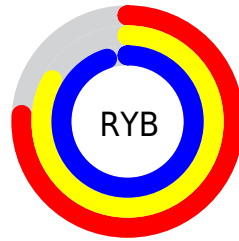
Distribution



Red (76%)

Green (87%)

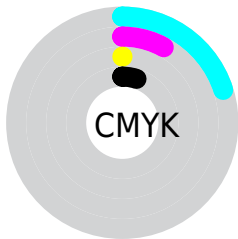
Blue (95%)



Red (76%)

Yellow (83%)

Blue (95%)

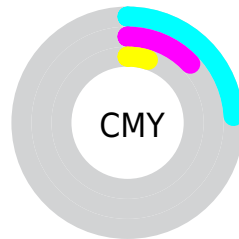


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6628, 70.6555, 94.2342 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 64.6628, 70.6555, 94.2342 by changing the saturation by 10% instead.

■ 64.6628, 70.6555,
94.2342

■ 64.6628, 70.6555,
94.2342

431.1436,
462.8482, 562.6320

■ 47.4514, 52.0611,
70.9044

■ 110.6333,
120.1431, 155.1927

■ 33.6021, 37.0538,
51.7828

140.1232,
151.8050, 193.6584

■ 22.7495, 25.2491,
36.4510

174.4365,
188.5917, 238.0065

■ 14.5283, 16.2628,
24.4902

213.9388,
230.8873, 288.6556

■ 8.5732, 9.7103,
15.4821

258.9953,
279.0764, 346.0241

■ 4.5187, 5.2073,
9.0081

309.9713,

■ 1.9996, 2.3694,

333.5433, 410.5307

4.6496

367.2323,
394.6725, 482.5938

■ 0.6337, 0.8101,
1.9880

■ 0.0000, 0.0000,
0.5479

■ 64.6628, 70.6555,
94.2342

■ 64.6628, 70.6555,
94.2342

■ 56.4638, 62.7384,
93.1393

■ 74.0221, 79.3893,
95.4278

■ 49.3677, 55.5995,
92.1354

■ 84.5834, 88.9592,
96.7184

■ 43.3211, 49.2094,
91.2207

■ 91.9954, 97.1273,
97.9043

■ 38.2634, 43.5332,
90.3916

■ 93.0272, 99.1909,
98.2483

■ 34.1275, 38.5324,
89.6444

■ 30.8366, 34.1636,
88.9745

■ 28.3001, 30.3760,
88.3772

■ 26.3701, 27.0893,
87.8445

■ 26.3406, 27.0376,
87.8360

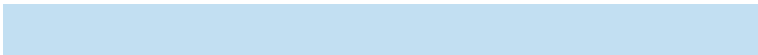
Harmonies

Analogous

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



62.2739, 70.6555, 87.7726



64.6628, 70.6555, 94.2342



67.7905, 70.6555, 95.9062

Triad

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



64.6628, 70.6555, 94.2342



73.4901, 70.6555, 75.1345



63.6004, 70.6555, 63.4688

Complementary

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



64.6628, 70.6555, 94.2342



70.1504, 70.3608, 60.9240

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.



66.5254, 70.6555, 60.6412



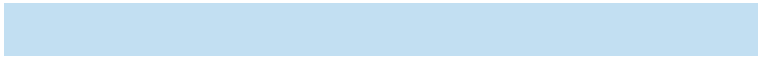
64.6628, 70.6555, 94.2342



72.2867, 70.6555, 67.0226

Square

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



64.6628, 70.6555, 94.2342



72.9530, 70.6555, 84.3911



69.7123, 70.6555, 61.8887



61.6744, 70.6555, 69.9256

Rectangle

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



64.6628, 70.6555, 94.2342



69.8882, 70.6555, 93.9724



69.7123, 70.6555, 61.8887



64.4958, 70.6555, 62.0869

Sweetspot

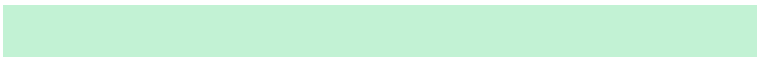
The Sweet Spot groups the original color and five complimentary colors.



64.6649, 70.6584, 94.2358



87.7420, 93.4099, 108.0132



65.9358, 79.7486, 74.4714



18.6166, 19.8445, 23.0991



0.0000, 0.0000, 0.0000



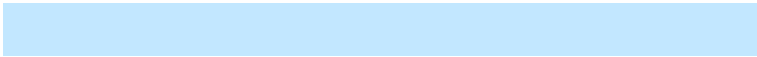
20.3446, 21.4041, 23.3091

Same Dimension

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



64.6649, 70.6584, 94.2358



68.7608, 75.6908, 105.5935



58.8383, 59.0051, 92.2936



15.6919, 16.8179, 20.1407



14.2873, 14.7988, 47.2313



1.2853, 1.4247, 3.9615

Inverse Universe

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



69.2307, 62.7901, 78.2862



74.8798, 65.5116, 84.1358



76.4675, 82.9951, 63.0298



16.1739, 15.9193, 18.4721



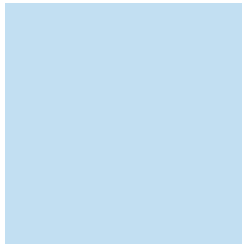
22.5372, 11.2873, 16.0112



1.9237, 0.9585, 1.5892

Previews

White Background



This preview shows how the XYZ color 64.6628, 70.6555, 94.2342 looks on a white background.

Color Contrast Check

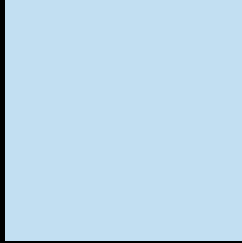
Large Text (above 18pt) WCAG AA × Fail

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 64.6628, 70.6555, 94.2342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

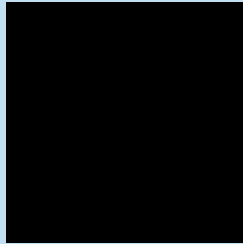
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

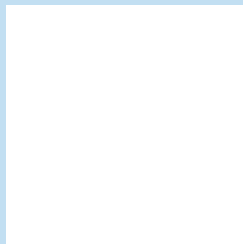
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6628, 70.6555, 94.2342

Background



This preview shows how black text looks on a background with the XYZ color 64.6628, 70.6555, 94.2342.



This preview shows how white text looks on a background with the XYZ color 64.6628, 70.6555,

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

64.6628, 70.6555, 94.2342

Protanopia

68.5644, 70.3977, 90.8633

Deuteranopia

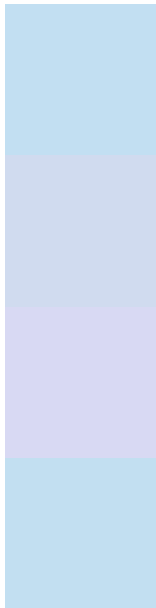
72.1183, 70.6141, 95.4168



Tritanopia

64.5130, 70.5956, 93.4452

Trichromacy



Original Color

64.6628, 70.6555, 94.2342

Protanomaly

66.9239, 70.3049, 91.7043

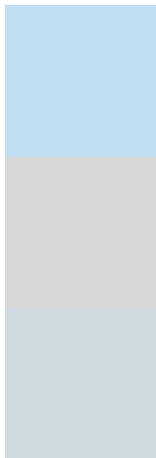
Deuteranomaly

69.3094, 70.6957, 94.7867

Tritanomaly

64.5130, 70.5956, 93.4452

Monochromacy



Original Color

64.6628, 70.6555, 94.2342

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.9345, 69.5092, 81.2284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6628, 70.6555, 94.2342 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(194, 223, 242)` looks like.

```
.text, #text, p{  
    color:rgb(194, 223, 242)  
}
```

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(194, 223, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 223, 242) }
```

Border

The CSS property to change the border of an element to XYZ 64.6628, 70.6555, 94.2342 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(194, 223, 242) }
```


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

```
.border{ border-color:rgb(194, 223, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 223, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 223, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 223, 242);  
box-shadow:4px 4px 4px 4px rgb(194, 223,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6628, 70.6555, 94.2342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 223, 242) }
```

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

```
.background{ background-color: rgb(194,  
223, 242) }
```

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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