

Converting Colors

XYZ(26.4906, 29.6788, 64.2491)

Have a look what the booklet for
XYZ(26.4906, 29.6788, 64.2491)
contains.

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Color

**XYZ(26.4998, 29.7461,
64.0194)**

Conversions

Conversions Part 1

Format	Color
Hex	519BD0
RGB	81, 155, 208
RGB Percent	32%, 61%, 82%
CMY	0.6823, 0.3921, 0.1843
CMYK	0.61, 0.25, 0.00, 0.18
HSL	205°, 57%, 57%
HSV	205°, 61%, 82%
XYZ	26.4998, 29.7461, 64.0194
YIQ	138.9160, -61.1170, 0.7950

Conversions

Conversions Part 2

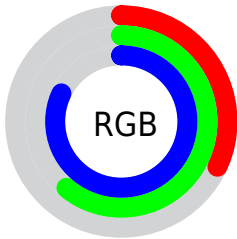
Format	Color
R _Y B	81, 128, 208
Decimal	5348304
CIE Lab	61.43, -7.13, -34.04
CIE LCh	61, 34.781, 258.174
Yxy	29.7461, 0.2203, 0.2473
Android (android.graphics.Color)	4283538384 (0xFF519BD0)
YUV	138.9160, 34.0584, -50.7923
Hunter-Lab	54.5400, -8.7157, -31.4170

Details

The XYZ color **26.4998, 29.7461, 64.0194** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **36.0238, 31.0556, 11.8814**, and the grayscale version is **24.3993, 25.6700, 27.9546**.

A 20% lighter version of the original color is **51.6657, 58.3964, 103.1563**, and **10.7001, 12.2005, 31.9280** is the 20% darker color. If you saturate the color by 10%, you get **23.5898, 26.1783, 63.4847**, and if you desaturate by 10%, it is **30.0615, 33.8051, 64.6157**.

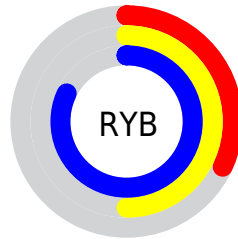
Distribution



Red (32%)

Green (61%)

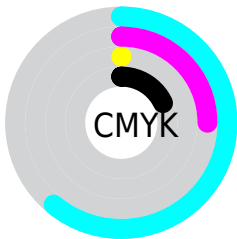
Blue (82%)



Red (32%)

Yellow (50%)

Blue (82%)

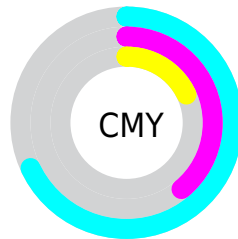


Cyan (61%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (68%)

Magenta (39%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4998, 29.7461, 64.0194 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 26.4998, 29.7461, 64.0194 by changing the saturation by 10% instead.

■ 26.4998, 29.7461,
64.0194

■ 26.4998, 29.7461,
64.0194

277.4389,
300.7192, 457.4691

■ 17.3326, 19.6460,
46.2201

■ 53.5057, 59.2604,
112.2386

■ 10.5686, 12.1379,
32.0696

■ 72.0751, 79.4434,
143.4956

■ 5.8427, 6.8377,
21.1494

■ 94.5093, 103.7561,
180.0756

■ 2.7894, 3.3608,
13.0410

■ 121.1736,
132.5829, 222.3971

■ 1.0434, 1.3229,
7.3257

152.4333,
166.3082, 270.8786

■ 0.0000, 0.1588,
3.5851

188.6539,

■ 0.0000, 0.0000,

205.3164, 325.9388

1.4006

230.2006,
249.9919, 387.9961

■ 0.0000, 0.0000,
0.1422

■ 0.0000, 0.0000,
0.0000

■ 26.4998, 29.7461,
64.0194

■ 26.4998, 29.7461,
64.0194

■ 23.5898, 26.1783,
63.4847

■ 30.0615, 33.8051,
64.6157

■ 21.2745, 23.0676,
63.0063

■ 34.3191, 38.3796,
65.2743

■ 19.4913, 20.3788,
62.5813

■ 39.3162, 43.4956,
65.9984

■ 18.2465, 18.2766,
62.2411

■ 45.0915, 49.1761,
66.7905

■ 51.6811, 55.4426,
67.6527

■ 59.1186, 62.3151,
68.5872

■ 67.4357, 69.8127,
69.5961

■ 76.6623, 77.9536,
70.6811

■ 81.8000, 84.1636,
71.6090

Harmonies

Analogous

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



22.7786, 29.7461, 55.1504



26.4998, 29.7461, 64.0194



31.1202, 29.7461, 62.8834

Triad

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



26.4998, 29.7461, 64.0194



37.5295, 29.7461, 25.1172



22.1846, 29.7461, 18.2706

Complementary

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



26.4998, 29.7461, 64.0194



36.0238, 31.0556, 11.8814

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.



25.6045, 29.7461, 13.7997



26.4998, 29.7461, 64.0194



34.5862, 29.7461, 16.9504

Square

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



26.4998, 29.7461, 64.0194



37.8363, 29.7461, 37.8580



30.1231, 29.7461, 13.3929



20.4740, 29.7461, 27.4728

Rectangle

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



26.4998, 29.7461, 64.0194



34.0950, 29.7461, 56.6421



30.1231, 29.7461, 13.3929



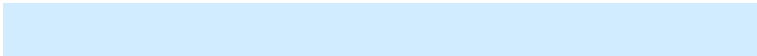
23.1542, 29.7461, 16.2859

Sweetspot

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



26.5008, 29.7472, 64.0201



74.3235, 80.6914, 106.2655



30.2475, 48.5808, 30.3080



15.2800, 16.6668, 22.6616



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.



26.5008, 29.7472, 64.0201



36.2779, 40.0484, 100.4258



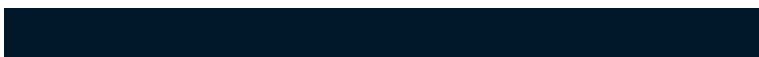
18.5707, 13.8869, 61.3768



11.7277, 12.5456, 15.0471



11.4695, 11.5856, 38.8242



0.7187, 0.8027, 2.1966

Inverse Universe

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



34.8721, 21.6624, 33.3547



51.3261, 28.6847, 44.5910



47.5594, 54.1268, 15.7266



12.0934, 11.9221, 13.7679



18.4200, 9.2408, 12.3839



1.0690, 0.5323, 0.8982

Previews

White Background



This preview shows how the XYZ color 26.4998, 29.7461, 64.0194 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4998, 29.7461, 64.0194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

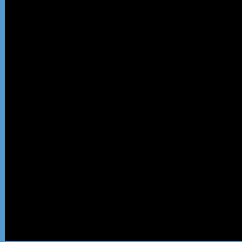
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4998, 29.7461, 64.0194

Background



This preview shows how black text looks on a background with the XYZ color 26.4998, 29.7461, 64.0194.



This preview shows how white text looks on a background with the XYZ color 26.4998, 29.7461,

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

26.4998, 29.7461, 64.0194

Protanopia

30.3372, 29.6803, 59.3883

Deuteranopia

30.2239, 29.4960, 65.0731



Tritanopia

22.5648, 29.6695, 44.5819

Trichromacy



Original Color

26.4998, 29.7461, 64.0194

Protanomaly

28.4566, 29.3652, 61.2950

Deuteranomaly

28.4404, 29.2865, 64.4755

Tritanomaly

23.8596, 29.6810, 50.9259

Monochromacy



Original Color

26.4998, 29.7461, 64.0194

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2975, 26.7827, 39.0109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4998, 29.7461, 64.0194 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(81, 155, 208)` looks like.

```
.text, #text, p{  
    color:rgb(81, 155, 208)  
}
```

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(81, 155, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 155, 208) }
```

Border

The CSS property to change the border of an element to XYZ 26.4998, 29.7461, 64.0194 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(81, 155, 208) }
```


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

```
.border{ border-color:rgb(81, 155, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 155, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 155, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 155, 208);  
box-shadow:4px 4px 4px 4px rgb(81, 155,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4998, 29.7461, 64.0194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 155, 208) }
```

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

```
.background{ background-color: rgb(81, 155,  
208) }
```

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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