

Converting Colors

XYZ(24.6217, 20.4340, 75.7246)

Have a look what the booklet for
XYZ(24.6217, 20.4340, 75.7246)
contains.

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Color

**XYZ(24.6626, 20.3675,
76.0303)**

Conversions

Conversions Part 1

Format	Color
Hex	5C74E4
RGB	92, 116, 228
RGB Percent	36%, 45%, 89%
CMY	0.6392, 0.5451, 0.1059
CMYK	0.60, 0.49, 0.00, 0.11
HSL	229°, 72%, 63%
HSV	229°, 60%, 89%
XYZ	24.6626, 20.3675, 76.0303
YIQ	121.5920, -50.2560, 29.7440

Conversions

Conversions Part 2

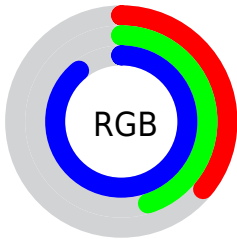
Format	Color
R _Y B	92, 112, 228
Decimal	6059236
CIE Lab	52.25, 24.73, -59.76
CIE LCh	52, 64.677, 292.480
Yxy	20.3675, 0.2037, 0.1682
Android (android.graphics.Color)	4284249316 (0xFF5C74E4)
YUV	121.5920, 52.4591, -25.9522
Hunter-Lab	45.1304, 18.5676, -68.2935

Details

The XYZ color **24.6626, 20.3675, 76.0303** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **55.5217, 60.4559, 18.8697**, and the grayscale version is **18.2134, 19.1619, 20.8673**.

A 20% lighter version of the original color is **45.0015, 41.9007, 100.3235**, and **9.6371, 7.2671, 39.9245** is the 20% darker color. If you saturate the color by 10%, you get **20.7680, 15.4650, 75.2898**, and if you desaturate by 10%, it is **29.6816, 26.4994, 76.9498**.

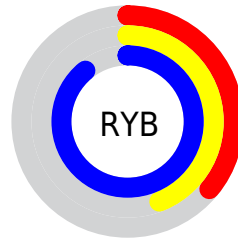
Distribution



Red (36%)

Green (45%)

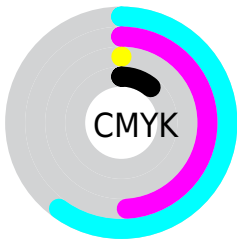
Blue (89%)



Red (36%)

Yellow (44%)

Blue (89%)

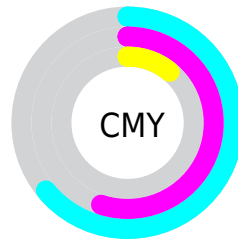


Cyan (60%)

Magenta (49%)

Yellow (0%)

Black (11%)



Cyan (64%)

Magenta (55%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6626, 20.3675, 76.0303 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 24.6626, 20.3675, 76.0303 by changing the saturation by 10% instead.

■ 24.6626, 20.3675,
76.0303

■ 24.6626, 20.3675,
76.0303

268.5322,
253.8977, 500.8010

■ 15.9532, 12.6625,
55.9505

■ 50.5562, 44.0325,
129.5302

■ 9.5817, 7.1965,
39.7595

■ 68.4711, 60.7612,
163.7875

■ 5.1826, 3.5853,
27.0388

■ 90.1853, 81.2666,
203.6076

■ 2.3907, 1.4444,
17.3696

■ 116.0641,
105.9331, 249.4092

■ 0.8405, 0.2491,
10.3336

146.4728,
135.1450, 301.6108

■ 0.0000, 0.0000,
5.5122

181.7768,

■ 0.0000, 0.0000,

169.2869, 360.6310

2.4869

222.3415,
208.7430, 426.8882

■ 0.0000, 0.0000,
0.8332

■ 0.0000, 0.0000,
0.0000

■ 24.6626, 20.3675,
76.0303

■ 24.6626, 20.3675,
76.0303

■ 20.7680, 15.4650,
75.2898

■ 29.6816, 26.4994,
76.9498

■ 17.9050, 11.7042,
74.7147

■ 35.9024, 33.9361,
78.0574

■ 15.9697, 8.9880,
74.2925

■ 43.3984, 42.7490,
79.3633

■ 14.8030, 7.1851,
74.0060

■ 52.2363, 53.0039,
80.8769

■ 14.7702, 7.1344,
73.9979

■ 62.4782, 64.7621,
82.6067

■ 74.1821, 78.0813,
84.5607

■ 87.4028, 93.0161,
86.7466

■ 91.0037, 98.3815,
87.5924

Harmonies

Analogous

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



17.7353, 20.3675, 81.7715



24.6626, 20.3675, 76.0303



31.3541, 20.3675, 52.7346

Triad

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



24.6626, 20.3675, 76.0303



28.2227, 20.3675, 3.9800



9.2589, 20.3675, 17.7270

Complementary

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



24.6626, 20.3675, 76.0303



55.5217, 60.4559, 18.8697

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.



10.8950, 20.3675, 6.5292



24.6626, 20.3675, 76.0303



21.0783, 20.3675, 2.0903

Square

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



24.6626, 20.3675, 76.0303



33.7157, 20.3675, 10.9275



14.8756, 20.3675, 2.6433



9.7952, 20.3675, 39.3026

Rectangle

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



24.6626, 20.3675, 76.0303



34.2657, 20.3675, 35.1069



14.8756, 20.3675, 2.6433



9.5572, 20.3675, 12.8895

Sweetspot

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



24.6635, 20.3681, 76.0308



69.2368, 70.5179, 104.5699



42.9456, 62.0779, 66.2615



14.0489, 14.2046, 22.2513



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.



24.6635, 20.3681, 76.0308



25.6075, 18.4338, 96.8162



27.8346, 18.4138, 75.4865



13.7874, 14.2962, 18.1771



8.5892, 4.2404, 42.7490



0.6952, 0.4344, 3.1792

Inverse Universe

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



38.9753, 25.4106, 19.3738



46.0070, 26.8128, 15.7923



49.6678, 66.5664, 20.3576



14.4803, 14.4093, 15.4636



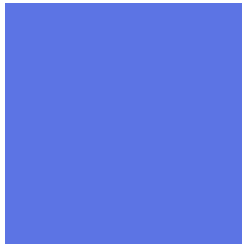
18.7289, 9.6258, 2.2015



1.4145, 0.7235, 0.3235

Previews

White Background



This preview shows how the XYZ color 24.6626, 20.3675, 76.0303 looks on a white background.

Color Contrast Check

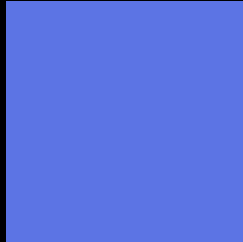
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6626, 20.3675, 76.0303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

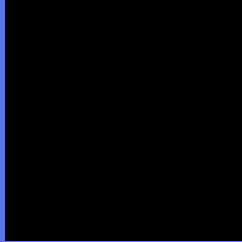
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6626, 20.3675, 76.0303

Background



This preview shows how black text looks on a background with the XYZ color 24.6626, 20.3675, 76.0303.



This preview shows how white text looks on a background with the XYZ color 24.6626, 20.3675,

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

24.6626, 20.3675, 76.0303

Protanopia

23.3963, 20.3491, 79.0386

Deuteranopia

20.9154, 20.3035, 73.3376



Tritanopia

15.4278, 20.2155, 30.2830

Trichromacy



Original Color

24.6626, 20.3675, 76.0303

Protanomaly

23.8447, 20.4190, 78.2858

Deuteranomaly

21.1773, 19.6786, 73.9164

Tritanomaly

17.9395, 19.8019, 43.9509

Monochromacy



Original Color

24.6626, 20.3675, 76.0303

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.7050, 19.3857, 36.4215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6626, 20.3675, 76.0303 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(92, 116, 228)` looks like.

```
.text, #text, p{  
    color:rgb(92, 116, 228)  
}
```

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(92, 116, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 116, 228) }
```

Border

The CSS property to change the border of an element to XYZ 24.6626, 20.3675, 76.0303 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(92, 116, 228) }
```


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

```
.border{ border-color:rgb(92, 116, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 116, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 116, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 116, 228);  
box-shadow:4px 4px 4px 4px rgb(92, 116,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6626, 20.3675, 76.0303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 116, 228) }
```

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

```
.background{ background-color: rgb(92, 116,  
228) }
```

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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