

Converting Colors

XYZ(26.0661, 24.0523, 73.7901)

Have a look what the booklet for
XYZ(26.0661, 24.0523, 73.7901)
contains.

| | |
|--|----|
| XYZ(26.1194, 24.1597, 73.8076) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(26.1194, 24.1597,
73.8076)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5C84E0 |
| RGB | 92, 132, 224 |
| RGB Percent | 36%, 52%, 88% |
| CMY | 0.6392, 0.4823, 0.1216 |
| CMYK | 0.59, 0.41, 0.00, 0.12 |
| HSL | 222°, 68%, 62% |
| HSV | 222°, 59%, 88% |
| XYZ | 26.1194, 24.1597, 73.8076 |
| YIQ | 130.5280, -53.3720, 20.1320 |

Conversions

Conversions Part 2

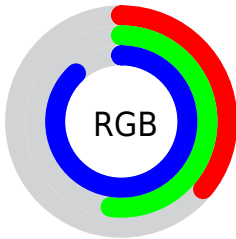
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 92, 123, 224 |
| Decimal | 6063328 |
| CIE _{Lab} | 56.25, 13.66, -51.12 |
| CIE _{LCh} | 56, 52.918, 284.960 |
| Yxy | 24.1597, 0.2105, 0.1947 |
| Android (android.graphics.Color) | 4284253408 (0xFF5C84E0) |
| YUV | 130.5280, 46.0817, -33.7891 |
| Hunter-Lab | 49.1525, 8.8371, -54.6233 |

Details

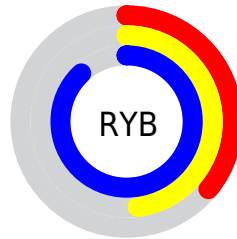
The XYZ color **26.1194, 24.1597, 73.8076** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **49.8142, 50.9032, 17.3264**, and the grayscale version is **21.2613, 22.3686, 24.3594**.

A 20% lighter version of the original color is **48.1615, 48.4972, 101.4303**, and **10.3422, 9.1070, 38.2585** is the 20% darker color. If you saturate the color by 10%, you get **22.2424, 19.2500, 73.0648**, and if you desaturate by 10%, it is **30.9765, 30.0456, 74.6882**.

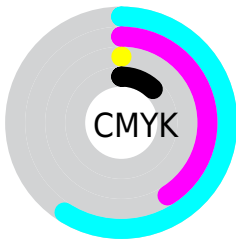
Distribution



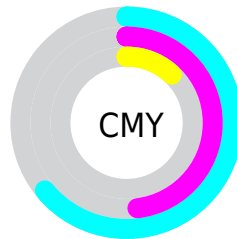
- Red (36%)
- Green (52%)
- Blue (88%)



- Red (36%)
- Yellow (48%)
- Blue (88%)



- Cyan (59%)
- Magenta (41%)
- Yellow (0%)
- Black (12%)



- Cyan (64%)
- Magenta (48%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1194, 24.1597, 73.8076 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 26.1194, 24.1597, 73.8076 by changing the saturation by 10% instead.

■ 26.1194, 24.1597,
73.8076

■ 26.1194, 24.1597,
73.8076

275.6137,
273.6269, 492.9547

■ 17.0461, 15.4521,
54.1407

■ 52.8974, 50.2907,
126.3546

■ 10.3629, 9.1373,
38.3203

■ 71.3329, 68.4829,
160.0717

■ 5.7043, 4.8309,
25.9276

■ 93.6198, 90.6054,
199.3094

■ 2.7051, 2.1484,
16.5442

■ 120.1236,
117.0427, 244.4862

■ 0.9998, 0.6916,
9.7515

151.2095,
148.1791, 296.0206

■ 0.0000, 0.0000,
5.1311

187.2429,

■ 0.0000, 0.0000,

184.3990, 354.3311

2.2643

228.5892,
226.0868, 419.8363

■ 0.0000, 0.0000,
0.7111

■ 0.0000, 0.0000,
0.0000

■ 26.1194, 24.1597,
73.8076

■ 26.1194, 24.1597,
73.8076

■ 22.2424, 19.2500,
73.0648

■ 30.9765, 30.0456,
74.6882

■ 19.2685, 15.2551,
72.4504

■ 36.8769, 36.9589,
75.7116

■ 17.1122, 12.1089,
71.9568

■ 43.8816, 44.9498,
76.8848

■ 15.6469, 9.7218,
71.5733

■ 52.0458, 54.0642,
78.2138

■ 15.5142, 9.5009,
71.5376

■ 61.4208, 64.3453,
79.7041

■ 72.0550, 75.8338,
81.3612

■ 83.9938, 88.5685,
83.1899

■ 90.4546, 98.1619,
84.7011

Harmonies

Analogous

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



20.0573, 24.1597, 73.7833



26.1194, 24.1597, 73.8076



32.2678, 24.1597, 57.8748

Triad

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



26.1194, 24.1597, 73.8076



32.2824, 24.1597, 9.0158



13.4116, 24.1597, 18.5297

Complementary

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



26.1194, 24.1597, 73.8076



49.8142, 50.9032, 17.3264

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.



15.6448, 24.1597, 8.9995



26.1194, 24.1597, 73.8076



26.1368, 24.1597, 5.3953

Square

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



26.1194, 24.1597, 73.8076



36.2309, 24.1597, 18.5659



20.0718, 24.1597, 5.3910



13.4086, 24.1597, 35.9439

Rectangle

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



26.1194, 24.1597, 73.8076



35.2857, 24.1597, 43.2003



20.0718, 24.1597, 5.3910



13.9061, 24.1597, 14.5143

Sweetspot

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



26.1204, 24.1605, 73.8082



70.7627, 73.5696, 105.0785



39.5345, 58.9730, 53.6649



14.4156, 14.9379, 22.3735



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.



26.1204, 24.1605, 73.8082



28.6955, 24.3244, 97.7904



24.5120, 16.7643, 72.4654



13.2890, 13.9171, 17.3736



9.1190, 5.7076, 41.6694



0.7092, 0.5498, 2.9140

Inverse Universe

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



38.7333, 25.1687, 24.6470



47.6353, 27.7308, 23.5447



52.3543, 66.3365, 20.1715



13.8773, 13.7686, 15.1243



18.5431, 9.4842, 4.2596



1.3242, 0.6730, 0.5002

Previews

White Background



This preview shows how the XYZ color 26.1194, 24.1597, 73.8076 looks on a white background.

Color Contrast Check

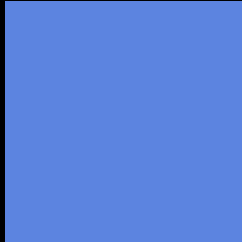
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1194, 24.1597, 73.8076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

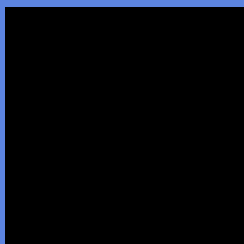
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

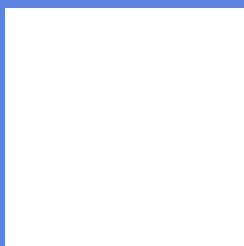
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1194, 24.1597, 73.8076

Background



This preview shows how black text looks on a background with the XYZ color 26.1194, 24.1597, 73.8076.



This preview shows how white text looks on a background with the XYZ color 26.1194, 24.1597,

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

26.1194, 24.1597, 73.8076

Protanopia

26.2595, 24.0471, 73.0696

Deuteranopia

24.8849, 24.1515, 73.1622



Tritanopia

18.5648, 24.1164, 36.0242

Trichromacy



Original Color

26.1194, 24.1597, 73.8076

Protanomaly

26.1549, 23.9932, 73.0647

Deuteranomaly

25.2377, 24.1272, 73.1389

Tritanomaly

20.7924, 23.8830, 47.7700

Monochromacy



Original Color

26.1194, 24.1597, 73.8076

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.2439, 22.7311, 38.8125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1194, 24.1597, 73.8076 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, 132, 224)` looks like.

```
.text, #text, p{  
    color:rgb(92, 132, 224)  
}
```

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, 132, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 132, 224) }
```

Border

The CSS property to change the border of an element to XYZ 26.1194, 24.1597, 73.8076 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, 132, 224) }
```


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

```
.border{ border-color:rgb(92, 132, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 132, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 132, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 132, 224);  
box-shadow:4px 4px 4px 4px rgb(92, 132,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1194, 24.1597, 73.8076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 132, 224) }
```

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

```
.background{ background-color: rgb(92, 132,  
224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor