

Converting Colors

XYZ(24.9494, 24.0671, 65.1464)

Have a look what the booklet for
XYZ(24.9494, 24.0671, 65.1464)
contains.

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Color

**XYZ(25.0023, 24.1862,
64.9787)**

Conversions

Conversions Part 1

Format	Color
Hex	5F86D3
RGB	95, 134, 211
RGB Percent	37%, 53%, 83%
CMY	0.6274, 0.4745, 0.1725
CMYK	0.55, 0.36, 0.00, 0.17
HSL	220°, 57%, 60%
HSV	220°, 55%, 83%
XYZ	25.0023, 24.1862, 64.9787
YIQ	131.1170, -47.9610, 15.6790

Conversions

Conversions Part 2

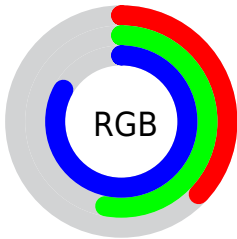
Format	Color
R _Y B	95, 124, 211
Decimal	6260435
CIE Lab	56.27, 8.84, -43.77
CIE LCh	56, 44.658, 281.423
Yxy	24.1862, 0.2190, 0.2118
Android (android.graphics.Color)	4284450515 (0xFF5F86D3)
YUV	131.1170, 39.3823, -31.6746
Hunter-Lab	49.1795, 4.6834, -43.9117

Details

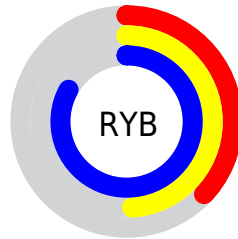
The XYZ color **25.0023, 24.1862, 64.9787** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **43.6836, 44.1824, 17.0536**, and the grayscale version is **21.4921, 22.6113, 24.6238**.

A 20% lighter version of the original color is **48.7692, 49.4360, 101.5794**, and **9.7847, 9.1733, 32.7074** is the 20% darker color. If you saturate the color by 10%, you get **21.2906, 19.5870, 64.2871**, and if you desaturate by 10%, it is **29.5657, 29.6058, 65.7848**.

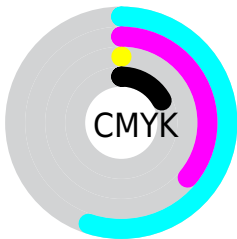
Distribution



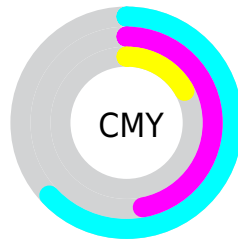
- Red (37%)
- Green (53%)
- Blue (83%)



- Red (37%)
- Yellow (49%)
- Blue (83%)



- Cyan (55%)
- Magenta (36%)
- Yellow (0%)
- Black (17%)



- Cyan (63%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0023, 24.1862, 64.9787 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 25.0023, 24.1862, 64.9787 by changing the saturation by 10% instead.

■ 25.0023, 24.1862,
64.9787

■ 25.0023, 24.1862,
64.9787

270.1968,
273.7605, 461.0195

■ 16.2075, 15.4718,
46.9926

■ 51.1038, 50.3339,
113.6322

■ 9.7629, 9.1512,
32.6755

■ 69.1413, 68.5360,
145.1367

■ 5.3031, 4.8399,
21.6089

■ 90.9903, 90.6694,
181.9844

■ 2.4627, 2.1536,
13.3742

■ 117.0163,
117.1185, 224.5938

■ 0.8765, 0.6945,
7.5530

147.5846,
148.2678, 273.3834

■ 0.0000, 0.0000,
3.7266

183.0605,

■ 0.0000, 0.0000,

184.5017, 328.7719

1.4766

223.8095,
226.2044, 391.1778

■ 0.0000, 0.0000,
0.2004

■ 0.0000, 0.0000,
0.0000

■ 25.0023, 24.1862,
64.9787

■ 25.0023, 24.1862,
64.9787

■ 21.2906, 19.5870,
64.2871

■ 29.5657, 29.6058,
65.7848

■ 18.3688, 15.7605,
63.7025

■ 35.0313, 35.8848,
66.7087

■ 16.1701, 12.6567,
63.2193

■ 41.4484, 43.0624,
67.7559

■ 14.6135, 10.2169,
62.8304

■ 48.8619, 51.1744,
68.9309

■ 14.0071, 9.2014,
62.6663

■ 57.3139, 60.2545,
70.2381

■ 66.8438, 70.3348,
71.6815

■ 77.4889, 81.4457,
73.2650

■ 85.9702, 91.9077,
74.8374

■ 88.7580, 97.4832,
75.7666

Harmonies

Analogous

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



19.9802, 24.1862, 63.3231



25.0023, 24.1862, 64.9787



30.1691, 24.1862, 53.7826

Triad

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



25.0023, 24.1862, 64.9787



31.2270, 24.1862, 11.6926



14.8327, 24.1862, 18.3050

Complementary

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



25.0023, 24.1862, 64.9787



43.6836, 44.1824, 17.0536

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.



17.0481, 24.1862, 10.2979



25.0023, 24.1862, 64.9787



26.2840, 24.1862, 7.5810

Square

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



25.0023, 24.1862, 64.9787



34.1043, 24.1862, 21.1159



21.0854, 24.1862, 7.1893



14.5956, 24.1862, 32.3494

Rectangle

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



25.0023, 24.1862, 64.9787



32.8090, 24.1862, 42.3331



21.0854, 24.1862, 7.1893



15.3534, 24.1862, 14.9800

Sweetspot

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



25.0032, 24.1870, 64.9793



73.5603, 76.9870, 105.5907



35.3083, 51.9397, 46.3946



15.2188, 15.9058, 22.5180



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.



25.0032, 24.1870, 64.9793



31.8170, 28.9608, 98.5208



22.5845, 16.3601, 63.5960



11.4838, 12.0579, 14.9658



8.5383, 5.7232, 37.8472



0.5500, 0.4652, 2.1404

Inverse Universe

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



35.2601, 23.7558, 25.2817



49.6031, 30.0196, 29.2778



47.5063, 58.8320, 19.6798



11.9704, 11.8729, 13.1197



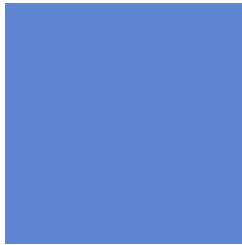
16.9405, 8.6490, 4.5927



0.9838, 0.4983, 0.4498

Previews

White Background



This preview shows how the XYZ color 25.0023, 24.1862, 64.9787 looks on a white background.

Color Contrast Check

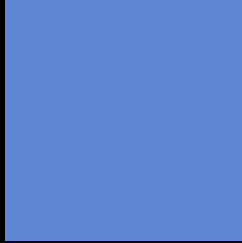
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0023, 24.1862, 64.9787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

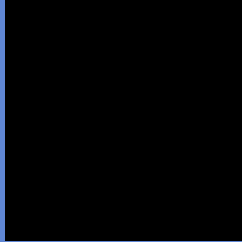
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

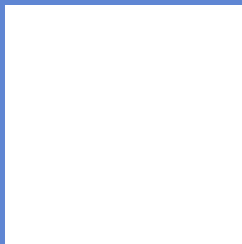
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0023, 24.1862, 64.9787

Background



This preview shows how black text looks on a background with the XYZ color 25.0023, 24.1862, 64.9787.

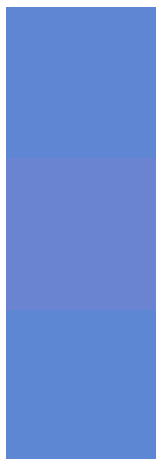


This preview shows how white text looks on a background with the XYZ color 25.0023, 24.1862,

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

25.0023, 24.1862, 64.9787

Protanopia

25.7037, 24.1701, 63.6322

Deuteranopia

24.7972, 24.0805, 64.9691



Tritanopia

19.1129, 24.1810, 35.5583

Trichromacy



Original Color

25.0023, 24.1862, 64.9787

Protanomaly

25.4999, 24.2530, 64.3101

Deuteranomaly

24.8991, 24.1330, 64.9738

Tritanomaly

20.9404, 24.0179, 45.1272

Monochromacy



Original Color

25.0023, 24.1862, 64.9787

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.0676, 22.8921, 36.5132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0023, 24.1862, 64.9787 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(95, 134, 211)` looks like.

```
.text, #text, p{  
    color:rgb(95, 134, 211)  
}
```

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(95, 134, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 134, 211) }
```

Border

The CSS property to change the border of an element to XYZ 25.0023, 24.1862, 64.9787 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(95, 134, 211) }
```


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

```
.border{ border-color:rgb(95, 134, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 134, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 134, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 134, 211);  
box-shadow:4px 4px 4px 4px rgb(95, 134,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0023, 24.1862, 64.9787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 134, 211) }
```

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

```
.background{ background-color: rgb(95, 134,  
211) }
```

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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