

Converting Colors

XYZ(25.1664, 23.6657, 47.6743)

Have a look what the booklet for
XYZ(25.1664, 23.6657, 47.6743)
contains.

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Color

**XYZ(25.1958, 23.6671,
47.4962)**

Conversions

Conversions Part 1

Format	Color
Hex	8081B6
RGB	128, 129, 182
RGB Percent	50%, 51%, 71%
CMY	0.4980, 0.4941, 0.2863
CMYK	0.30, 0.29, 0.00, 0.29
HSL	239°, 27%, 61%
HSV	239°, 30%, 71%
XYZ	25.1958, 23.6671, 47.4962
YIQ	134.7430, -17.6090, 16.2710

Conversions

Conversions Part 2

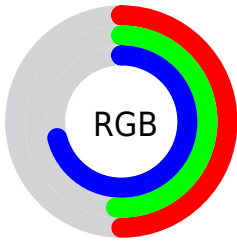
Format	Color
R_{YB}	128, 129, 182
Decimal	8421814
CIE _{Lab}	55.75, 11.91, -27.97
CIE _{LCh}	56, 30.400, 293.072
Yxy	23.6671, 0.2615, 0.2456
Android (android.graphics.Color)	4286611894 (0xFF8081B6)
YUV	134.7430, 23.2977, -5.9136
Hunter-Lab	48.6488, 7.3117, -23.8310

Details

The XYZ color **25.1958, 23.6671, 47.4962** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.7119, 44.5516, 26.9291**, and the grayscale version is **22.8558, 24.0460, 26.1861**.

A 20% lighter version of the original color is **51.4520, 49.5740, 87.7459**, and **9.8917, 8.9001, 21.9654** is the 20% darker color. If you saturate the color by 10%, you get **20.5491, 18.0792, 46.6629**, and if you desaturate by 10%, it is **30.7464, 30.3326, 48.4906**.

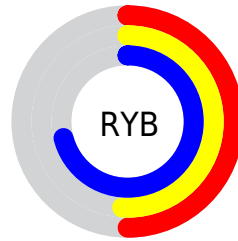
Distribution



Red (50%)

Green (51%)

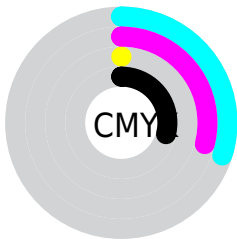
Blue (71%)



Red (50%)

Yellow (51%)

Blue (71%)

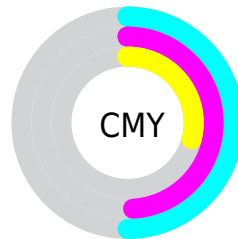


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (29%)



Cyan (50%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1958, 23.6671, 47.4962 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 25.1958, 23.6671, 47.4962 by changing the saturation by 10% instead.

■ 25.1958, 23.6671,
47.4962

■ 25.1958, 23.6671,
47.4962

271.1413,
271.1331, 393.2426

■ 16.3525, 15.0869,
33.0709

■ 51.4153, 49.4864,
87.8115

■ 9.8664, 8.8804,
21.9092

■ 69.5222, 67.4943,
114.5387

■ 5.3720, 4.6632,
13.5925

■ 91.4477, 89.4134,
146.2036

■ 2.5041, 2.0511,
7.7023

117.5571,
115.6284, 183.2247

■ 0.8973, 0.6369,
3.8200

148.2158,
146.5234, 226.0207

■ 0.0000, 0.0000,
1.5271

183.7892,

■ 0.0000, 0.0000,

182.4829, 275.0099

0.2380

224.6426,
223.8914, 330.6111

■ 0.0000, 0.0000,
0.0000

■ 25.1958, 23.6671,
47.4962

■ 25.1958, 23.6671,
47.4962

■ 20.5491, 18.0792,
46.6629

■ 30.7464, 30.3326,
48.4906

■ 16.7563, 13.5097,
45.9809

■ 37.2428, 38.1252,
49.6524

■ 13.7660, 9.8982,
45.4414

■ 44.7269, 47.0946,
50.9892

■ 11.5207, 7.1764,
45.0343

■ 53.2375, 57.2868,
52.5079

■ 9.9549, 5.2675,
44.7484

■ 62.8114, 68.7452,
54.2150

■ 8.9919, 4.0811,
44.5702

■ 73.4835, 81.5113,
56.1166

■ 8.4941, 3.4673,
44.4779

■ 85.1389, 95.5481,
58.2117

■ 8.4802, 3.4506,
44.4755

■ 85.4436, 96.1574,
58.3133

Harmonies

Analogous

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



21.7042, 23.6671, 49.6024



25.1958, 23.6671, 47.4962



28.2250, 23.6671, 38.9512

Triad

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



25.1958, 23.6671, 47.4962



26.7202, 23.6671, 13.3710



16.5316, 23.6671, 23.5453

Complementary

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



25.1958, 23.6671, 47.4962



39.7119, 44.5516, 26.9291

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.



17.5980, 23.6671, 15.9579



25.1958, 23.6671, 47.4962



23.3045, 23.6671, 11.1372

Square

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



25.1958, 23.6671, 47.4962



29.1661, 23.6671, 19.0186



19.9942, 23.6671, 11.9453



16.9274, 23.6671, 33.9542

Rectangle

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



25.1958, 23.6671, 47.4962



29.4562, 23.6671, 31.7060



19.9942, 23.6671, 11.9453



16.7270, 23.6671, 20.6244

Sweetspot

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



25.1966, 23.6680, 47.4967



68.1774, 69.9080, 90.1360



33.8892, 41.3490, 49.4823



14.6528, 14.9544, 19.8358



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.1966, 23.6680, 47.4967



39.6649, 35.6768, 85.0315



29.3380, 25.6083, 47.6530



8.5341, 8.7454, 11.3177



5.9940, 2.4477, 31.4096



0.2158, 0.0954, 1.1088

Inverse Universe

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



30.9737, 26.9691, 24.3429



51.9465, 42.7259, 35.8013



34.4904, 42.1629, 26.7432



9.0112, 9.0148, 9.4063



13.6392, 7.0294, 0.7207



0.4831, 0.2487, 0.0375

Previews

White Background



This preview shows how the XYZ color 25.1958, 23.6671, 47.4962 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 25.1958, 23.6671, 47.4962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

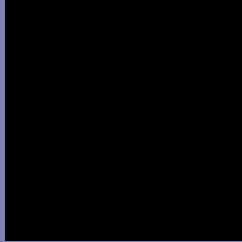
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1958, 23.6671, 47.4962

Background



This preview shows how black text looks on a background with the XYZ color 25.1958, 23.6671, 47.4962.



This preview shows how white text looks on a background with the XYZ color 25.1958, 23.6671,

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

25.1958, 23.6671, 47.4962

Protanopia

24.3742, 23.8148, 48.6595

Deuteranopia

24.1995, 23.7607, 47.0269



Tritanopia

21.9558, 23.7799, 31.0365

Trichromacy



Original Color

25.1958, 23.6671, 47.4962

Protanomaly

24.6896, 23.7891, 48.0902

Deuteranomaly

24.4828, 23.7064, 47.0015

Tritanomaly

23.0449, 23.5982, 36.5980

Monochromacy



Original Color

25.1958, 23.6671, 47.4962

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5707, 23.9476, 33.0858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1958, 23.6671, 47.4962 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(128, 129, 182)` looks like.

```
.text, #text, p{  
    color:rgb(128, 129, 182)  
}
```

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(128, 129, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 129, 182) }
```

Border

The CSS property to change the border of an element to XYZ 25.1958, 23.6671, 47.4962 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(128, 129, 182) }
```


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

```
.border{ border-color:rgb(128, 129, 182) }
```

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

Here you see how a box with a 4 pixel rgb(128, 129, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 129, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 129, 182);  
box-shadow:4px 4px 4px 4px rgb(128, 129,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1958, 23.6671, 47.4962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 129, 182) }
```

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

```
.background{ background-color: rgb(128,  
129, 182) }
```

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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