

Converting Colors

XYZ(24.6318, 25.7745, 51.0373)

Have a look what the booklet for
XYZ(24.6318, 25.7745, 51.0373)
contains.

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Color

**XYZ(24.6654, 25.8064,
51.2581)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8DBC
RGB	107, 141, 188
RGB Percent	42%, 55%, 74%
CMY	0.5804, 0.4470, 0.2627
CMYK	0.43, 0.25, 0.00, 0.26
HSL	215°, 38%, 58%
HSV	215°, 43%, 74%
XYZ	24.6654, 25.8064, 51.2581
YIQ	136.1920, -35.3510, 7.4090

Conversions

Conversions Part 2

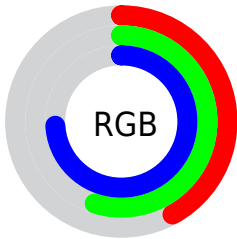
Format	Color
RYB	107, 131, 188
Decimal	7048636
CIELab	57.85, 0.59, -28.25
CIELCh	58, 28.257, 271.201
Yxy	25.8064, 0.2425, 0.2537
Android (android.graphics.Color)	4285238716 (0xFF6B8DBC)
YUV	136.1920, 25.5413, -25.6014
Hunter-Lab	50.8000, -2.2312, -24.2647

Details

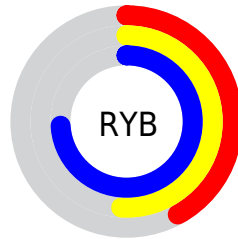
The XYZ color **24.6654, 25.8064, 51.2581** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **34.9493, 34.8650, 18.7985**, and the grayscale version is **23.3912, 24.6094, 26.7996**.

A 20% lighter version of the original color is **50.3189, 52.6923, 93.1065**, and **9.5825, 9.9883, 24.3446** is the 20% darker color. If you saturate the color by 10%, you get **21.1161, 21.7057, 50.6541**, and if you desaturate by 10%, it is **28.8663, 30.4792, 51.9391**.

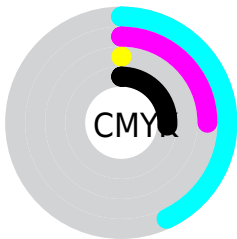
Distribution



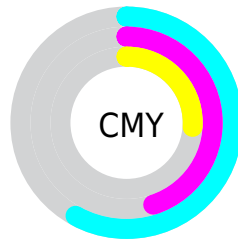
- Red (42%)
- Green (55%)
- Blue (74%)



- Red (42%)
- Yellow (51%)
- Blue (74%)



- Cyan (43%)
- Magenta (25%)
- Yellow (0%)
- Black (26%)



- Cyan (58%)
- Magenta (45%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6654, 25.8064, 51.2581 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 24.6654, 25.8064, 51.2581 by changing the saturation by 10% instead.

■ 24.6654, 25.8064,
51.2581

■ 24.6654, 25.8064,
51.2581

268.5460,
281.8304, 408.4409

■ 15.9553, 16.6789,
36.0359

■ 50.5607, 52.9625,
93.4516

■ 9.5832, 10.0058,
24.1720

■ 68.4766, 71.7598,
121.2599

■ 5.1836, 5.4028,
15.2479

■ 90.1919, 94.5491,
154.1008

■ 2.3913, 2.4855,
8.8450

■ 116.0719,
121.7149, 192.3926

■ 0.8408, 0.8694,
4.5448

146.4820,
153.6416, 236.5540

■ 0.0000, 0.0000,
1.9287

181.7874,

■ 0.0000, 0.0000,

190.7134, 287.0035

0.5109

222.3536,
233.3149, 344.1596

■ 0.0000, 0.0000,
0.0000

■ 24.6654, 25.8064,
51.2581

■ 24.6654, 25.8064,
51.2581

■ 21.1161, 21.7057,
50.6541

■ 28.8663, 30.4792,
51.9391

■ 18.1790, 18.1486,
50.1223

■ 33.7498, 35.7451,
52.6981

■ 15.8143, 15.1079,
49.6601

■ 39.3480, 41.6274,
53.5385

■ 13.9755, 12.5523,
49.2637

■ 45.6900, 48.1472,
54.4627

■ 12.6078, 10.4455,
48.9291

■ 52.8034, 55.3243,
55.4731

■ 11.8670, 9.2104,
48.7298

■ 60.7141, 63.1779,
56.5720

■ 69.4470, 71.7261,
57.7617

■ 78.1355, 80.5276,
59.0026

■ 81.2367, 86.7299,
60.0364

Harmonies

Analogous

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



21.5142, 25.8064, 47.8867



24.6654, 25.8064, 51.2581



28.0700, 25.8064, 47.3293

Triad

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



24.6654, 25.8064, 51.2581



30.5503, 25.8064, 19.4792



19.2379, 25.8064, 20.0161

Complementary

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



24.6654, 25.8064, 51.2581



34.9493, 34.8650, 18.7985

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.



21.2976, 25.8064, 14.9429



24.6654, 25.8064, 51.2581



27.8113, 25.8064, 14.6869

Square

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



24.6654, 25.8064, 51.2581



31.6554, 25.8064, 27.7084



24.3915, 25.8064, 13.2387



18.5601, 25.8064, 28.4928

Rectangle

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



24.6654, 25.8064, 51.2581



29.9792, 25.8064, 41.5257



24.3915, 25.8064, 13.2387



19.7816, 25.8064, 17.9316

Sweetspot

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



24.6663, 25.8074, 51.2587



71.1718, 75.2975, 97.0089



29.7889, 41.3895, 36.5135



14.7985, 15.6646, 20.7862



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



24.6663, 25.8074, 51.2587



38.4059, 39.4992, 91.8261



21.0688, 17.6183, 49.8677



9.3367, 9.8658, 12.0844



8.1496, 6.4110, 33.2008



0.3840, 0.3807, 1.3221

Inverse Universe

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



30.8052, 23.1308, 28.0413



51.3513, 35.1547, 42.5755



40.0711, 47.0469, 20.8799



9.6918, 9.6010, 10.7661



15.1143, 7.6769, 5.8957



0.6247, 0.3138, 0.4032

Previews

White Background



This preview shows how the XYZ color 24.6654, 25.8064, 51.2581 looks on a white background.

Color Contrast Check

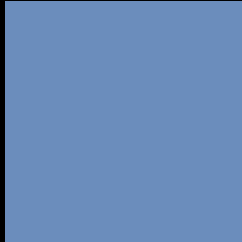
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6654, 25.8064, 51.2581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

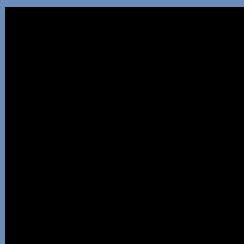
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

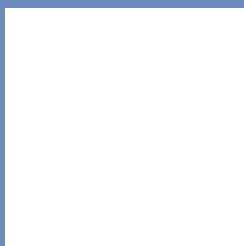
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6654, 25.8064, 51.2581

Background



This preview shows how black text looks on a background with the XYZ color 24.6654, 25.8064, 51.2581.

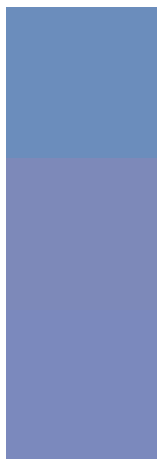


This preview shows how white text looks on a background with the XYZ color 24.6654, 25.8064,

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

24.6654, 25.8064, 51.2581

Protanopia

26.1601, 25.7541, 49.4912

Deuteranopia

26.2993, 25.7764, 51.7333



Tritanopia

21.5960, 25.6790, 36.1661

Trichromacy



Original Color

24.6654, 25.8064, 51.2581

Protanomaly

25.4226, 25.5737, 50.0507

Deuteranomaly

25.6099, 25.6330, 51.7420

Tritanomaly

22.6142, 25.6359, 41.2924

Monochromacy



Original Color

24.6654, 25.8064, 51.2581

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4623, 24.9035, 34.5806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6654, 25.8064, 51.2581 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(107, 141, 188)` looks like.

```
.text, #text, p{  
    color:rgb(107, 141, 188)  
}
```

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(107, 141, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 141, 188) }
```

Border

The CSS property to change the border of an element to XYZ 24.6654, 25.8064, 51.2581 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(107, 141, 188) }
```


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

```
.border{ border-color:rgb(107, 141, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 141, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 141, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 141, 188);  
box-shadow:4px 4px 4px 4px rgb(107, 141,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6654, 25.8064, 51.2581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 141, 188) }
```

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

```
.background{ background-color: rgb(107,  
141, 188) }
```

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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