

Converting Colors

XYZ(24.7694, 25.5020, 57.3129)

Have a look what the booklet for
XYZ(24.7694, 25.5020, 57.3129)
contains.

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Color

**XYZ(24.7167, 25.4860,
57.0427)**

Conversions

Conversions Part 1

Format	Color
Hex	638CC6
RGB	99, 140, 198
RGB Percent	39%, 55%, 78%
CMY	0.6117, 0.4510, 0.2235
CMYK	0.50, 0.29, 0.00, 0.22
HSL	215°, 46%, 58%
HSV	215°, 50%, 78%
XYZ	24.7167, 25.4860, 57.0427
YIQ	134.3530, -43.0540, 9.3460

Conversions

Conversions Part 2

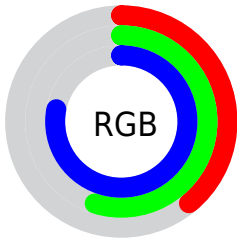
Format	Color
R _Y B	99, 128, 198
Decimal	6524102
CIE Lab	57.55, 2.14, -34.43
CIE LCh	58, 34.492, 273.551
Yxy	25.4860, 0.2305, 0.2376
Android (android.graphics.Color)	4284714182 (0xFF638CC6)
YUV	134.3530, 31.3780, -31.0046
Hunter-Lab	50.4837, -0.9532, -31.6546

Details

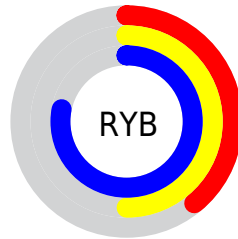
The XYZ color **24.7167, 25.4860, 57.0427** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **37.5988, 37.0219, 16.9698**, and the grayscale version is **22.6901, 23.8717, 25.9963**.

A 20% lighter version of the original color is **50.6375, 52.3285, 102.0393**, and **9.6047, 9.7974, 27.7704** is the 20% darker color. If you saturate the color by 10%, you get **21.2063, 21.2917, 56.4186**, and if you desaturate by 10%, it is **28.9379, 30.3130, 57.7524**.

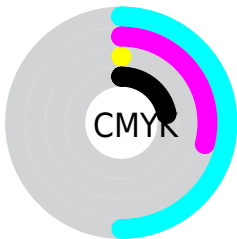
Distribution



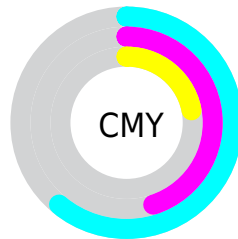
- Red (39%)
- Green (55%)
- Blue (78%)



- Red (39%)
- Yellow (50%)
- Blue (78%)



- Cyan (50%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (61%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7167, 25.4860, 57.0427 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 24.7167, 25.4860, 57.0427 by changing the saturation by 10% instead.

■ 24.7167, 25.4860,
57.0427

■ 24.7167, 25.4860,
57.0427

268.7979,
280.2497, 431.1075

■ 15.9937, 16.4395,
40.6299

■ 50.6435, 52.4446,
102.0284

■ 9.6105, 9.8357,
27.7125

■ 68.5780, 71.1254,
131.4385

■ 5.2018, 5.2902,
17.8719

■ 90.3137, 93.7866,
166.0181

■ 2.4021, 2.4185,
10.6896

■ 116.2159,
120.8123, 206.1857

■ 0.8462, 0.8354,
5.7470

146.6502,
152.5871, 252.3599

■ 0.0000, 0.0000,
2.6256

181.9816,

■ 0.0000, 0.0000,

189.4953, 304.9593

0.9056

222.5758,
231.9214, 364.4023

■ 0.0000, 0.0000,
0.0000

■ 24.7167, 25.4860,
57.0427

■ 24.7167, 25.4860,
57.0427

■ 21.2063, 21.2917,
56.4186

■ 28.9379, 30.3130,
57.7524

■ 18.3590, 17.6959,
55.8746

■ 33.9079, 35.7986,
58.5493

■ 16.1250, 14.6647,
55.4073

■ 39.6651, 41.9707,
59.4372

■ 14.4450, 12.1586,
55.0121

■ 46.2442, 48.8543,
60.4191

■ 13.2106, 10.1120,
54.6821

■ 53.6780, 56.4733,
61.4979

■ 13.2103, 10.1116,
54.6821

■ 61.9971, 64.8503,
62.6764

■ 71.2309, 74.0067,
63.9571

■ 80.5166, 83.5041,
65.3008

■ 83.9056, 90.2821,
66.4305

Harmonies

Analogous

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



20.8698, 25.4860, 53.3631



24.7167, 25.4860, 57.0427



28.8617, 25.4860, 51.2236

Triad

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



24.7167, 25.4860, 57.0427



31.4289, 25.4860, 17.0218



17.8116, 25.4860, 18.8364

Complementary

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



24.7167, 25.4860, 57.0427



37.5988, 37.0219, 16.9698

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.



20.1112, 25.4860, 12.8327



24.7167, 25.4860, 57.0427



27.9189, 25.4860, 12.0121

Square

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



24.7167, 25.4860, 57.0427



33.0035, 25.4860, 26.3709



23.7373, 25.4860, 10.7292



17.1579, 25.4860, 29.1762

Rectangle

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



24.7167, 25.4860, 57.0427



31.1568, 25.4860, 43.4947



23.7373, 25.4860, 10.7292



18.4039, 25.4860, 16.3534

Sweetspot

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



24.7176, 25.4869, 57.0433



75.6141, 79.9797, 106.0601



31.4050, 45.4673, 38.9084



15.6599, 16.5683, 22.6226



0.0000, 0.0000, 0.0000



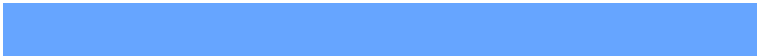
20.3446, 21.4041, 23.3091

Same Dimension

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



24.7176, 25.4869, 57.0433



37.0500, 37.0859, 99.8133



20.7494, 16.1434, 55.4490



10.4115, 10.9970, 13.4914



8.6710, 6.7359, 35.5875



0.4817, 0.4611, 1.7088

Inverse Universe

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



32.4850, 22.8239, 27.5050



52.8159, 33.4926, 39.4514



43.6197, 52.2046, 19.5830



10.8130, 10.7086, 11.9984



16.1760, 8.2200, 6.1369



0.8018, 0.4036, 0.4796

Previews

White Background



This preview shows how the XYZ color 24.7167, 25.4860, 57.0427 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 24.7167, 25.4860, 57.0427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

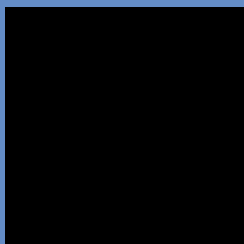
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

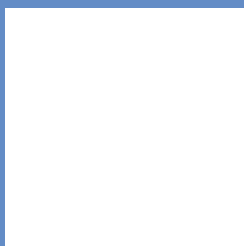
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7167, 25.4860, 57.0427

Background



This preview shows how black text looks on a background with the XYZ color 24.7167, 25.4860, 57.0427.

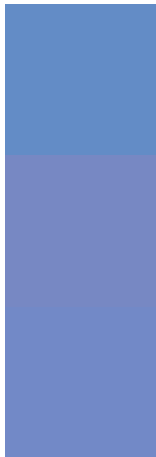


This preview shows how white text looks on a background with the XYZ color 24.7167, 25.4860,

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

24.7167, 25.4860, 57.0427

Protanopia

26.2622, 25.4704, 55.1619

Deuteranopia

26.1939, 25.5922, 57.5921



Tritanopia

20.6222, 25.3969, 36.6161

Trichromacy



Original Color

24.7167, 25.4860, 57.0427

Protanomaly

25.5916, 25.3216, 55.7633

Deuteranomaly

25.7040, 25.5517, 57.6101

Tritanomaly

21.8305, 25.1878, 43.2463

Monochromacy



Original Color

24.7167, 25.4860, 57.0427

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.7751, 24.1076, 35.3511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7167, 25.4860, 57.0427 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(99, 140, 198)` looks like.

```
.text, #text, p{  
    color:rgb(99, 140, 198)  
}
```

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(99, 140, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 140, 198) }
```

Border

The CSS property to change the border of an element to XYZ 24.7167, 25.4860, 57.0427 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(99, 140, 198) }
```


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

```
.border{ border-color:rgb(99, 140, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 140, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 140, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 140, 198);  
box-shadow:4px 4px 4px 4px rgb(99, 140,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7167, 25.4860, 57.0427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 140, 198) }
```

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

```
.background{ background-color: rgb(99, 140,  
198) }
```

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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