

Converting Colors

XYZ(25.1670, 25.2319, 54.0246)

Have a look what the booklet for
XYZ(25.1670, 25.2319, 54.0246)
contains.

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Color

**XYZ(25.1268, 25.1211,
53.9766)**

Conversions

Conversions Part 1

Format	Color
Hex	6F89C1
RGB	111, 137, 193
RGB Percent	44%, 54%, 76%
CMY	0.5647, 0.4627, 0.2431
CMYK	0.42, 0.29, 0.00, 0.24
HSL	221°, 40%, 60%
HSV	221°, 42%, 76%
XYZ	25.1268, 25.1211, 53.9766
YIQ	135.6100, -33.4720, 11.9040

Conversions

Conversions Part 2

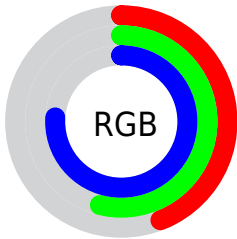
Format	Color
R_{YB}	111, 131, 193
Decimal	7309761
CIE _{Lab}	57.19, 5.41, -32.09
CIE _{LCh}	57, 32.545, 279.572
Yxy	25.1211, 0.2411, 0.2410
Android (android.graphics.Color)	4285499841 (0xFF6F89C1)
YUV	135.6100, 28.2933, -21.5830
Hunter-Lab	50.1210, 1.7745, -28.7663

Details

The XYZ color **25.1268, 25.1211, 53.9766** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **38.6809, 40.1232, 20.7457**, and the grayscale version is **23.1635, 24.3698, 26.5387**.

A 20% lighter version of the original color is **51.3947, 51.8360, 97.7390**, and **9.7557, 9.5503, 25.7553** is the 20% darker color. If you saturate the color by 10%, you get **21.1951, 20.4811, 53.2887**, and if you desaturate by 10%, it is **29.8138, 30.4913, 54.7666**.

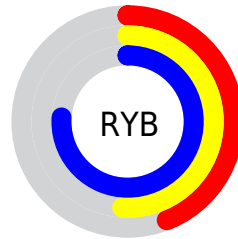
Distribution



Red (44%)

Green (54%)

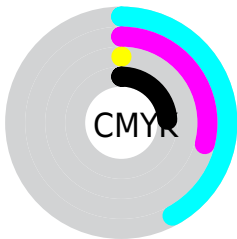
Blue (76%)



Red (44%)

Yellow (51%)

Blue (76%)

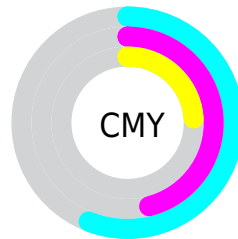


Cyan (42%)

Magenta (29%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1268, 25.1211, 53.9766 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 25.1268, 25.1211, 53.9766 by changing the saturation by 10% instead.

■ 25.1268, 25.1211,
53.9766

■ 25.1268, 25.1211,
53.9766

270.8048,
278.4405, 419.1929

■ 16.3008, 16.1673,
38.1899

■ 51.3043, 51.8536,
97.4959

■ 9.8294, 9.6426,
25.8271

■ 69.3864, 70.4011,
126.0657

■ 5.3474, 5.1627,
16.4698

■ 91.2847, 92.9153,
159.7335

■ 2.4893, 2.3430,
9.6992

117.3644,
119.7806, 198.9179

■ 0.8899, 0.7963,
5.0970

147.9909,
151.3814, 244.0376

■ 0.0000, 0.0000,
2.2446

183.5296,

■ 0.0000, 0.0000,

188.1020, 295.5109

0.6999

224.3458,
230.3269, 353.7565

■ 0.0000, 0.0000,
0.0000

■ 25.1268, 25.1211,
53.9766

■ 25.1268, 25.1211,
53.9766

■ 21.1951, 20.4811,
53.2887

■ 29.8138, 30.4913,
54.7666

■ 17.9738, 16.5343,
52.6967

■ 35.2923, 36.6204,
55.6609

■ 15.4168, 13.2448,
52.1965

■ 41.5994, 43.5391,
56.6639

■ 13.4711, 10.5713,
51.7830

■ 48.7688, 51.2752,
57.7792

■ 12.0743, 8.4669,
51.4504

■ 56.8323, 59.8553,
59.0104

■ 11.3049, 7.2087,
51.2481

■ 65.8201, 69.3048,
60.3606

■ 75.7611, 79.6478,
61.8331

■ 82.7509, 88.8807,
63.2468

■ 86.6257, 96.6303,
64.5384

Harmonies

Analogous

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



21.3896, 25.1211, 52.3627



25.1268, 25.1211, 53.9766



28.9003, 25.1211, 47.1225

Triad

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



25.1268, 25.1211, 53.9766



30.0375, 25.1211, 15.9648



17.6002, 25.1211, 20.6113

Complementary

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



25.1268, 25.1211, 53.9766



38.6809, 40.1232, 20.7457

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.



19.4721, 25.1211, 14.0682



25.1268, 25.1211, 53.9766



26.5499, 25.1211, 11.9279

Square

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



25.1268, 25.1211, 53.9766



31.9295, 25.1211, 23.9823



22.6691, 25.1211, 11.3419



17.3066, 25.1211, 31.0247

Rectangle

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



25.1268, 25.1211, 53.9766



30.8319, 25.1211, 39.5310



22.6691, 25.1211, 11.3419



18.0553, 25.1211, 17.9739

Sweetspot

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



25.1277, 25.1220, 53.9772



73.6426, 77.0404, 101.3492



32.4786, 44.2610, 42.7484



15.2361, 15.9139, 21.6540



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.1277, 25.1220, 53.9772



38.4024, 37.2118, 95.5189



23.7198, 19.5550, 52.9769



9.7832, 10.2576, 12.7491



7.5833, 4.9231, 34.1072



0.3908, 0.3389, 1.4947

Inverse Universe

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



32.1928, 24.5133, 26.7027



53.0020, 36.9750, 38.9289



40.6074, 48.9117, 22.3405



10.2019, 10.1293, 11.1535



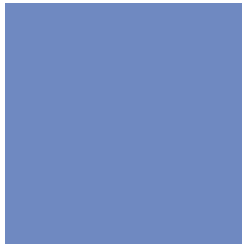
15.2237, 7.7792, 3.8240



0.6896, 0.3489, 0.3330

Previews

White Background



This preview shows how the XYZ color 25.1268, 25.1211, 53.9766 looks on a white background.

Color Contrast Check

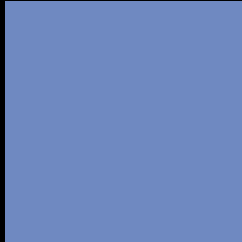
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1268, 25.1211, 53.9766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

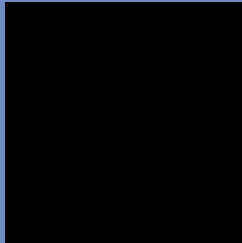
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

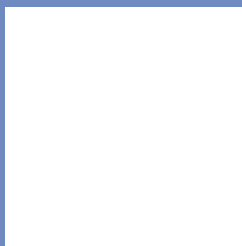
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1268, 25.1211, 53.9766

Background



This preview shows how black text looks on a background with the XYZ color 25.1268, 25.1211, 53.9766.



This preview shows how white text looks on a background with the XYZ color 25.1268, 25.1211,

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

25.1268, 25.1211, 53.9766

Protanopia

25.8137, 25.0826, 52.7711

Deuteranopia

25.7659, 25.2405, 53.9660



Tritanopia

21.3408, 25.1135, 35.1751

Trichromacy



Original Color

25.1268, 25.1211, 53.9766

Protanomaly

25.6547, 25.1960, 53.3803

Deuteranomaly

25.5000, 25.1034, 53.9535

Tritanomaly

22.5120, 24.9176, 41.1592

Monochromacy



Original Color

25.1268, 25.1211, 53.9766

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6424, 24.5547, 35.3917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1268, 25.1211, 53.9766 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(111, 137, 193)` looks like.

```
.text, #text, p{  
    color:rgb(111, 137, 193)  
}
```

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(111, 137, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 137, 193) }
```

Border

The CSS property to change the border of an element to XYZ 25.1268, 25.1211, 53.9766 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(111, 137, 193) }
```


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

```
.border{ border-color:rgb(111, 137, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 137, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 137, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 137, 193);  
box-shadow:4px 4px 4px 4px rgb(111, 137,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1268, 25.1211, 53.9766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 137, 193) }
```

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

```
.background{ background-color: rgb(111,  
137, 193) }
```

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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