

Converting Colors

XYZ(25.6438, 25.5219, 55.3124)

Have a look what the booklet for
XYZ(25.6438, 25.5219, 55.3124)
contains.

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Color

**XYZ(25.6209, 25.5618,
55.2133)**

Conversions

Conversions Part 1

Format	Color
Hex	708AC3
RGB	112, 138, 195
RGB Percent	44%, 54%, 76%
CMY	0.5608, 0.4588, 0.2353
CMYK	0.43, 0.29, 0.00, 0.24
HSL	221°, 41%, 60%
HSV	221°, 43%, 76%
XYZ	25.6209, 25.5618, 55.2133
YIQ	136.7240, -33.7930, 12.2150

Conversions

Conversions Part 2

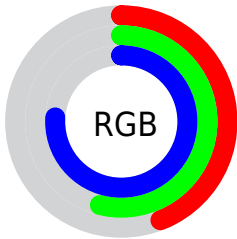
Format	Color
RYB	112, 132, 195
Decimal	7375555
CIELab	57.62, 5.67, -32.56
CIElCh	58, 33.047, 279.875
Yxy	25.5618, 0.2408, 0.2403
Android (android.graphics.Color)	4285565635 (0xFF708AC3)
YUV	136.7240, 28.7301, -21.6829
Hunter-Lab	50.5587, 1.9782, -29.3574

Details

The XYZ color **25.6209, 25.5618, 55.2133** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **39.6192, 41.1490, 21.1848**, and the grayscale version is **23.5787, 24.8067, 27.0144**.

A 20% lighter version of the original color is **52.1378, 52.5054, 99.4821**, and **10.0424, 9.8021, 26.5620** is the 20% darker color. If you saturate the color by 10%, you get **21.5989, 20.8103, 54.5086**, and if you desaturate by 10%, it is **30.4189, 31.0660, 56.0233**.

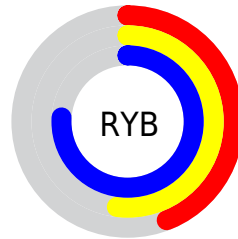
Distribution



Red (44%)

Green (54%)

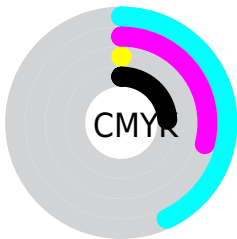
Blue (76%)



Red (44%)

Yellow (52%)

Blue (76%)

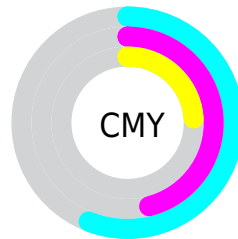


Cyan (43%)

Magenta (29%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6209, 25.5618, 55.2133 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 25.6209, 25.5618, 55.2133 by changing the saturation by 10% instead.

■ 25.6209, 25.5618,
55.2133

■ 25.6209, 25.5618,
55.2133

273.2071,
280.6243, 424.0247

■ 16.6714, 16.4961,
39.1728

■ 52.0984, 52.5672,
99.3277

■ 10.0944, 9.8759,
26.5853

■ 70.3572, 71.2756,
128.2386

■ 5.5243, 5.3167,
17.0323

■ 92.4497, 93.9672,
162.2768

■ 2.5959, 2.4343,
10.0953

118.7414,
121.0261, 201.8607

■ 0.9439, 0.8434,
5.3558

149.5977,
152.8369, 247.4089

■ 0.0000, 0.0000,
2.3951

185.3838,

■ 0.0000, 0.0000,

189.7840, 299.3399

0.7838

226.4651,
232.2516, 358.0723

■ 0.0000, 0.0000,
0.0000

■ 25.6209, 25.5618,
55.2133

■ 25.6209, 25.5618,
55.2133

■ 21.5989, 20.8103,
54.5086

■ 30.4189, 31.0660,
56.0233

■ 18.3067, 16.7734,
53.9030

■ 36.0302, 37.3529,
56.9411

■ 15.6967, 13.4138,
53.3920

■ 42.4929, 44.4540,
57.9711

■ 13.7144, 10.6887,
52.9705

■ 49.8419, 52.3983,
59.1172

■ 12.2954, 8.5496,
52.6324

■ 58.1099, 61.2132,
60.3828

■ 11.5236, 7.2865,
52.4293

■ 67.3279, 70.9250,
61.7715

■ 77.5257, 81.5586,
63.2866

■ 83.7841, 90.5876,
64.6995

■ 86.8504, 96.7202,
65.7216

Harmonies

Analogous

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



21.7764, 25.5618, 53.6413



25.6209, 25.5618, 55.2133



29.4944, 25.5618, 48.0721

Triad

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



25.6209, 25.5618, 55.2133



30.5993, 25.5618, 16.0920



17.8426, 25.5618, 21.0025

Complementary

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



25.6209, 25.5618, 55.2133



39.6192, 41.1490, 21.1848

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.



19.7469, 25.5618, 14.2602



25.6209, 25.5618, 55.2133



27.0022, 25.5618, 12.0037

Square

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



25.6209, 25.5618, 55.2133



32.5676, 25.5618, 24.2682



23.0170, 25.5618, 11.4390



17.5584, 25.5618, 31.7296

Rectangle

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



25.6209, 25.5618, 55.2133



31.4704, 25.5618, 40.2312



23.0170, 25.5618, 11.4390



18.3038, 25.5618, 18.2852

Sweetspot

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



25.6218, 25.5628, 55.2139



75.3181, 78.7595, 103.7022



33.3329, 45.3296, 44.3903



15.8988, 16.5973, 22.6156



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.



25.6218, 25.5628, 55.2139



39.1920, 37.8815, 97.7160



24.4302, 20.0583, 54.2142



9.7800, 10.2513, 12.7481



7.5566, 4.8698, 34.0983



0.3893, 0.3361, 1.4942

Inverse Universe

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



32.8881, 25.0264, 27.1428



54.1818, 37.8014, 39.5771



41.2124, 49.8780, 22.7857



10.2003, 10.1287, 11.1451



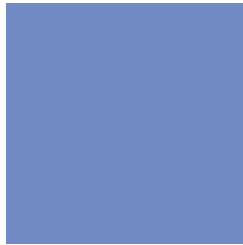
15.2102, 7.7738, 3.7531



0.6889, 0.3486, 0.3292

Previews

White Background



This preview shows how the XYZ color 25.6209, 25.5618, 55.2133 looks on a white background.

Color Contrast Check

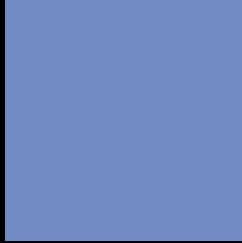
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6209, 25.5618, 55.2133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

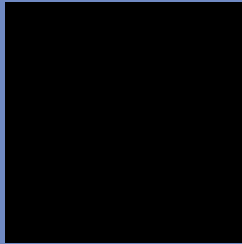
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

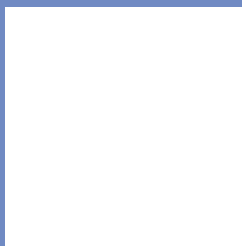
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6209, 25.5618, 55.2133

Background



This preview shows how black text looks on a background with the XYZ color 25.6209, 25.5618, 55.2133.



This preview shows how white text looks on a background with the XYZ color 25.6209, 25.5618,

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

25.6209, 25.5618, 55.2133

Protanopia

26.1755, 25.4516, 53.9851

Deuteranopia

26.1321, 25.6134, 55.1963



Tritanopia

21.6907, 25.5099, 35.6790

Trichromacy



Original Color

25.6209, 25.5618, 55.2133

Protanomaly

26.0194, 25.5683, 54.6027

Deuteranomaly

25.8662, 25.4763, 55.1839

Tritanomaly

22.9675, 25.3504, 42.2107

Monochromacy



Original Color

25.6209, 25.5618, 55.2133

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.0193, 24.9491, 35.8975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6209, 25.5618, 55.2133 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(112, 138, 195)` looks like.

```
.text, #text, p{  
    color:rgb(112, 138, 195)  
}
```

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(112, 138, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 138, 195) }
```

Border

The CSS property to change the border of an element to XYZ 25.6209, 25.5618, 55.2133 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(112, 138, 195) }
```


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

```
.border{ border-color:rgb(112, 138, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 138, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 138, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 138, 195);  
box-shadow:4px 4px 4px 4px rgb(112, 138,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6209, 25.5618, 55.2133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 138, 195) }
```

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

```
.background{ background-color: rgb(112,  
138, 195) }
```

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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