

Converting Colors

XYZ(25.9066, 28.0138, 54.9635)

Have a look what the booklet for
XYZ(25.9066, 28.0138, 54.9635)
contains.

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Color

**XYZ(25.9210, 27.9584,
55.0693)**

Conversions

Conversions Part 1

Format	Color
Hex	6794C2
RGB	103, 148, 194
RGB Percent	40%, 58%, 76%
CMY	0.5961, 0.4196, 0.2392
CMYK	0.47, 0.24, 0.00, 0.24
HSL	210°, 43%, 58%
HSV	210°, 47%, 76%
XYZ	25.9210, 27.9584, 55.0693
YIQ	139.7890, -41.5860, 4.7660

Conversions

Conversions Part 2

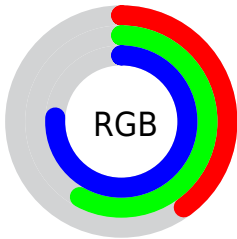
Format	Color
RYB	103, 133, 194
Decimal	6788290
CIELab	59.85, -2.70, -28.57
CIELCh	60, 28.697, 264.604
Yxy	27.9584, 0.2379, 0.2566
Android (android.graphics.Color)	4284978370 (0xFF6794C2)
YUV	139.7890, 26.7260, -32.2640
Hunter-Lab	52.8757, -5.0273, -24.7367

Details

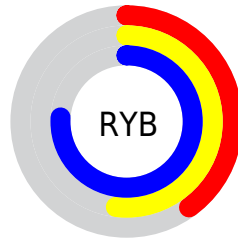
The XYZ color **25.9210, 27.9584, 55.0693** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.4446, 33.9444, 17.5168**, and the grayscale version is **24.7574, 26.0467, 28.3649**.

A 20% lighter version of the original color is **52.6337, 56.4752, 99.3935**, and **10.2736, 11.2332, 26.4377** is the 20% darker color. If you saturate the color by 10%, you get **22.4751, 23.9949, 54.4864**, and if you desaturate by 10%, it is **30.0154, 32.4508, 55.7211**.

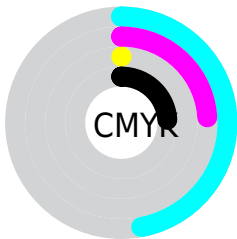
Distribution



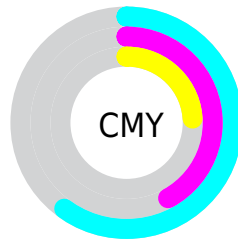
- Red (40%)
- Green (58%)
- Blue (76%)



- Red (40%)
- Yellow (52%)
- Blue (76%)



- Cyan (47%)
- Magenta (24%)
- Yellow (0%)
- Black (24%)



- Cyan (60%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9210, 27.9584, 55.0693 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 25.9210, 27.9584, 55.0693 by changing the saturation by 10% instead.

■ 25.9210, 27.9584,
55.0693

■ 25.9210, 27.9584,
55.0693

274.6579,
292.2681, 423.4639

■ 16.8969, 18.2943,
39.0582

■ 52.5797, 56.4180,
99.1147

■ 10.2559, 11.1615,
26.4969

■ 70.9450, 75.9823,
127.9860

■ 5.6325, 6.1756,
16.9666

■ 93.1548, 99.6155,
161.9812

■ 2.6615, 2.9521,
10.0490

■ 119.5743,
127.7019, 201.5188

■ 0.9774, 1.1068,
5.3254

150.5691,
160.6260, 247.0174

■ 0.0000, 0.0000,
2.3774

186.5044,

■ 0.0000, 0.0000,

198.7721, 298.8954

0.7741

227.7455,
242.5247, 357.5714

■ 0.0000, 0.0000,
0.0000

■ 25.9210, 27.9584,
55.0693

■ 25.9210, 27.9584,
55.0693

■ 22.4751, 23.9949,
54.4864

■ 30.0154, 32.4508,
55.7211

■ 19.6354, 20.5320,
53.9677

■ 34.7912, 37.4921,
56.4425

■ 17.3585, 17.5430,
53.5107

■ 40.2825, 43.1048,
57.2364

■ 15.5934, 14.9964,
53.1122

■ 46.5200, 49.3089,
58.1052

■ 14.2718, 12.8517,
52.7679

■ 53.5326, 56.1237,
59.0510

■ 13.9146, 12.2489,
52.6704

■ 61.3476, 63.5672,
60.0758

■ 69.9908, 71.6567,
61.1817

■ 78.2981, 79.7959,
62.3149

■ 81.0487, 85.2970,
63.2317

Harmonies

Analogous

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



22.7231, 27.9584, 49.8744



25.9210, 27.9584, 55.0693



29.5947, 27.9584, 52.5396

Triad

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



25.9210, 27.9584, 55.0693



33.4570, 27.9584, 22.8374



21.2679, 27.9584, 20.2471

Complementary

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



25.9210, 27.9584, 55.0693



35.4446, 33.9444, 17.5168

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.



23.7655, 27.9584, 15.6148



25.9210, 27.9584, 55.0693



30.8363, 27.9584, 16.8538

Square

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



25.9210, 27.9584, 55.0693



34.1665, 27.9584, 32.3657



27.2371, 27.9584, 14.5318



20.1982, 27.9584, 28.5960

Rectangle

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



25.9210, 27.9584, 55.0693



31.7963, 27.9584, 47.0553



27.2371, 27.9584, 14.5318



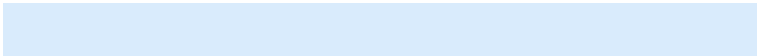
21.9566, 27.9584, 18.2869

Sweetspot

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



25.9219, 27.9594, 55.0700



75.8786, 81.0039, 104.1059



30.2711, 43.6218, 35.0503



16.0947, 17.2153, 22.7245



0.0000, 0.0000, 0.0000



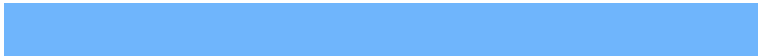
20.3446, 21.4041, 23.3091

Same Dimension

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



25.9219, 27.9594, 55.0700



40.7288, 43.4840, 98.7164



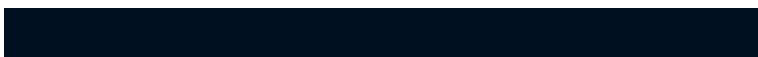
20.1823, 16.4801, 53.1568



9.9304, 10.5522, 12.7982



9.2302, 8.2169, 34.6561



0.4678, 0.4930, 1.5204

Inverse Universe

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



32.4445, 23.3089, 30.8070



54.3402, 35.5011, 47.6976



43.9887, 51.0328, 20.3648



10.2762, 10.1591, 11.5449



16.0549, 8.1117, 8.2014



0.7285, 0.3644, 0.5377

Previews

White Background



This preview shows how the XYZ color 25.9210, 27.9584, 55.0693 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 25.9210, 27.9584, 55.0693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

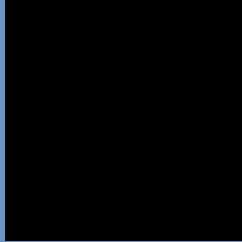
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9210, 27.9584, 55.0693

Background



This preview shows how black text looks on a background with the XYZ color 25.9210, 27.9584, 55.0693.

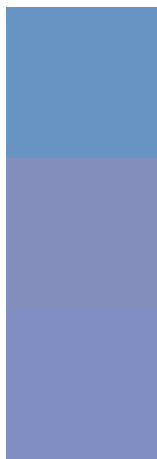


This preview shows how white text looks on a background with the XYZ color 25.9210, 27.9584,

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

25.9210, 27.9584, 55.0693

Protanopia

28.2184, 27.8454, 52.0315

Deuteranopia

28.4254, 27.8753, 55.5121



Tritanopia

22.8903, 27.9153, 40.2581

Trichromacy



Original Color

25.9210, 27.9584, 55.0693

Protanomaly

27.2624, 27.7731, 53.2141

Deuteranomaly

27.4313, 27.8086, 55.5516

Tritanomaly

23.8328, 27.8092, 45.1859

Monochromacy



Original Color

25.9210, 27.9584, 55.0693

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.9200, 26.6950, 37.0969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9210, 27.9584, 55.0693 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(103, 148, 194)` looks like.

```
.text, #text, p{  
    color:rgb(103, 148, 194)  
}
```

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(103, 148, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 148, 194) }
```

Border

The CSS property to change the border of an element to XYZ 25.9210, 27.9584, 55.0693 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(103, 148, 194) }
```


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

```
.border{ border-color:rgb(103, 148, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 148, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 148, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 148, 194);  
box-shadow:4px 4px 4px 4px rgb(103, 148,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9210, 27.9584, 55.0693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 148, 194) }
```

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

```
.background{ background-color: rgb(103,  
148, 194) }
```

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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