

Converting Colors

XYZ(27.5191, 29.8000, 55.1939)

Have a look what the booklet for
XYZ(27.5191, 29.8000, 55.1939)
contains.

XYZ(27.5214, 29.7310, 55.3271)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.5214, 29.7310,
55.3271)**

Conversions

Conversions Part 1

Format	Color
Hex	6F98C2
RGB	111, 152, 194
RGB Percent	44%, 60%, 76%
CMY	0.5647, 0.4039, 0.2392
CMYK	0.43, 0.22, 0.00, 0.24
HSL	210°, 40%, 60%
HSV	210°, 43%, 76%
XYZ	27.5214, 29.7310, 55.3271
YIQ	144.5290, -37.9180, 4.3700

Conversions

Conversions Part 2

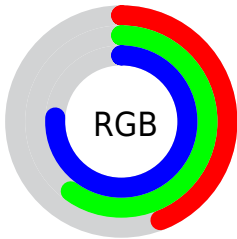
Format	Color
R _Y B	111, 138, 194
Decimal	7313602
CIE Lab	61.42, -2.93, -26.11
CIE LCh	61, 26.275, 263.604
Yxy	29.7310, 0.2445, 0.2641
Android (android.graphics.Color)	4285503682 (0xFF6F98C2)
YUV	144.5290, 24.3892, -29.4049
Hunter-Lab	54.5261, -5.3251, -21.9926

Details

The XYZ color **27.5214, 29.7310, 55.3271** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.5095, 35.4005, 19.9488**, and the grayscale version is **26.6390, 28.0263, 30.5207**.

A 20% lighter version of the original color is **55.2098, 59.2146, 99.7865**, and **11.0746, 12.0707, 26.5571** is the 20% darker color. If you saturate the color by 10%, you get **23.8125, 25.5513, 54.7164**, and if you desaturate by 10%, it is **31.8943, 34.4500, 56.0080**.

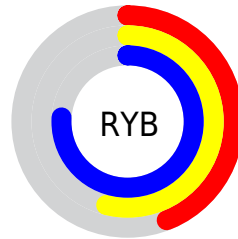
Distribution



Red (44%)

Green (60%)

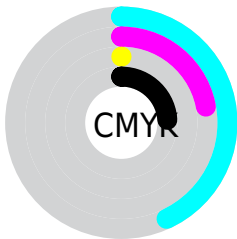
Blue (76%)



Red (44%)

Yellow (54%)

Blue (76%)

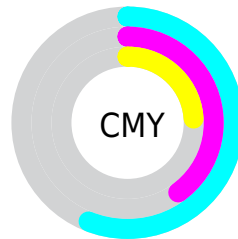


Cyan (43%)

Magenta (22%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5214, 29.7310, 55.3271 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 27.5214, 29.7310, 55.3271 by changing the saturation by 10% instead.

■ 27.5214, 29.7310,
55.3271

■ 27.5214, 29.7310,
55.3271

282.2946,
300.6486, 424.4675

■ 18.1038, 19.6345,
39.2633

■ 55.1334, 59.2365,
99.4960

■ 11.1247, 12.1296,
26.6552

■ 74.0586, 79.4143,
128.4382

■ 6.2187, 6.8320,
17.0843

■ 96.8836, 103.7213,
162.5102

■ 3.0204, 3.3573,
10.1320

123.9739,
132.5420, 202.1307

■ 1.1646, 1.3210,
5.3798

155.6948,
166.2606, 247.7181

■ 0.0781, 0.1574,
2.4092

192.4116,

■ 0.0000, 0.0000,

205.2617, 299.6910

0.7914

234.4898,
249.9295, 358.4680

■ 0.0000, 0.0000,
0.0000

■ 27.5214, 29.7310,
55.3271

■ 27.5214, 29.7310,
55.3271

■ 23.8125, 25.5513,
54.7164

■ 31.8943, 34.4500,
56.0080

■ 20.7268, 21.8833,
54.1710

■ 36.9628, 39.7273,
56.7595

■ 18.2231, 18.7016,
53.6888

■ 42.7599, 45.5851,
57.5846

■ 16.2535, 15.9763,
53.2666

■ 49.3157, 52.0429,
58.4856

■ 14.7610, 13.6727,
52.9006

■ 56.6583, 59.1195,
59.4645

■ 13.9053, 12.2302,
52.6673

■ 64.8144, 66.8326,
60.5234

■ 73.8094, 75.1993,
61.6643

■ 79.4244, 82.0485,
62.6903

■ 82.2423, 87.6843,
63.6296

Harmonies

Analogous

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



24.4801, 29.7310, 50.3257



27.5214, 29.7310, 55.3271



31.0162, 29.7310, 53.2378

Triad

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



27.5214, 29.7310, 55.3271



34.8265, 29.7310, 25.3051



23.2190, 29.7310, 22.3026

Complementary

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



27.5214, 29.7310, 55.3271



36.5095, 35.4005, 19.9488

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.



25.6691, 29.7310, 17.8250



27.5214, 29.7310, 55.3271



32.4068, 29.7310, 19.2941

Square

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



27.5214, 29.7310, 55.3271



35.4241, 29.7310, 34.5484



29.0085, 29.7310, 16.8488



22.1307, 29.7310, 30.2890

Rectangle

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



27.5214, 29.7310, 55.3271



33.1163, 29.7310, 48.2808



29.0085, 29.7310, 16.8488



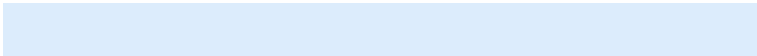
23.9005, 29.7310, 20.4091

Sweetspot

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



27.5224, 29.7321, 55.3278



76.9962, 82.1156, 104.2616



31.5568, 44.2473, 36.7993



16.3208, 17.4413, 22.7563



0.0000, 0.0000, 0.0000



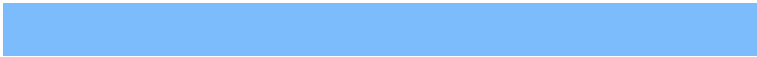
20.3446, 21.4041, 23.3091

Same Dimension

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



27.5224, 29.7321, 55.3278



43.7450, 46.9876, 99.2337



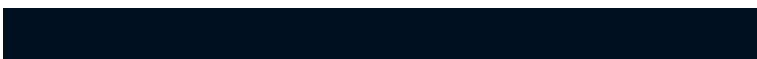
21.9786, 18.6446, 53.4799



9.9300, 10.5513, 12.7981



9.2240, 8.2045, 34.6541



0.4675, 0.4924, 1.5203

Inverse Universe

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



33.6009, 25.1063, 32.7819



56.4800, 38.7206, 51.6791



44.4098, 51.2013, 22.5822



10.2760, 10.1590, 11.5437



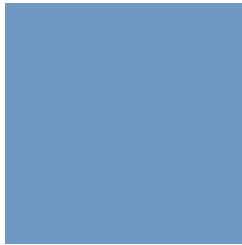
16.0518, 8.1105, 8.1850



0.7284, 0.3644, 0.5370

Previews

White Background



This preview shows how the XYZ color 27.5214, 29.7310, 55.3271 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 27.5214, 29.7310, 55.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

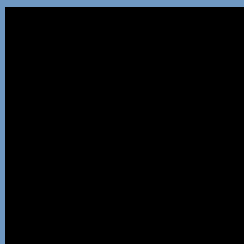
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

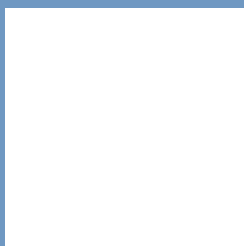
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5214, 29.7310, 55.3271

Background



This preview shows how black text looks on a background with the XYZ color 27.5214, 29.7310, 55.3271.

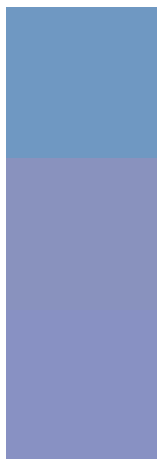


This preview shows how white text looks on a background with the XYZ color 27.5214, 29.7310,

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

27.5214, 29.7310, 55.3271

Protanopia

29.8897, 29.5938, 52.8520

Deuteranopia

30.1291, 29.4252, 55.7214



Tritanopia

24.7588, 29.5846, 41.9416

Trichromacy



Original Color

27.5214, 29.7310, 55.3271

Protanomaly

28.8960, 29.5306, 53.4672

Deuteranomaly

29.1926, 29.6320, 55.8107

Tritanomaly

25.8206, 29.7828, 46.5073

Monochromacy



Original Color

27.5214, 29.7310, 55.3271

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.8736, 28.8107, 38.7950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5214, 29.7310, 55.3271 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, 152, 194)` looks like.

```
.text, #text, p{  
    color:rgb(111, 152, 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(111, 152, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 152, 194) }
```

Border

The CSS property to change the border of an element to XYZ 27.5214, 29.7310, 55.3271 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, 152, 194) }
```


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

```
.border{ border-color:rgb(111, 152, 194) }
```

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

Here you see how a box with a 4 pixel rgb(111, 152, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 152, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 152, 194);  
box-shadow:4px 4px 4px 4px rgb(111, 152,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5214, 29.7310, 55.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 152, 194) }
```

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

```
.background{ background-color: rgb(111,  
152, 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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