

Converting Colors

XYZ(27.5344, 29.3321, 58.6410)

Have a look what the booklet for
XYZ(27.5344, 29.3321, 58.6410)
contains.

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Color

**XYZ(27.6763, 29.4915,
58.8773)**

Conversions

Conversions Part 1

Format	Color
Hex	6C97C8
RGB	108, 151, 200
RGB Percent	42%, 59%, 78%
CMY	0.5765, 0.4078, 0.2157
CMYK	0.46, 0.24, 0.00, 0.22
HSL	212°, 46%, 60%
HSV	212°, 46%, 78%
XYZ	27.6763, 29.4915, 58.8773
YIQ	143.7290, -41.3570, 6.1230

Conversions

Conversions Part 2

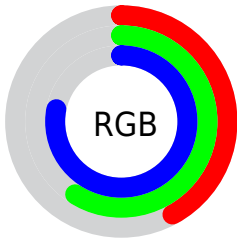
Format	Color
RYB	108, 137, 200
Decimal	7116744
CIELab	61.21, -1.41, -29.81
CIELCh	61, 29.847, 267.294
Yxy	29.4915, 0.2385, 0.2541
Android (android.graphics.Color)	4285306824 (0xFF6C97C8)
YUV	143.7290, 27.7416, -31.3343
Hunter-Lab	54.3061, -4.0657, -26.2665

Details

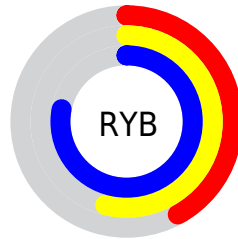
The XYZ color **27.6763, 29.4915, 58.8773** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.5841, 37.4772, 19.3888**, and the grayscale version is **26.3052, 27.6751, 30.1382**.

A 20% lighter version of the original color is **54.9856, 58.6692, 103.0340**, and **11.2137, 11.9465, 28.9090** is the 20% darker color. If you saturate the color by 10%, you get **23.8797, 25.1038, 58.2310**, and if you desaturate by 10%, it is **32.1878, 34.4789, 59.6027**.

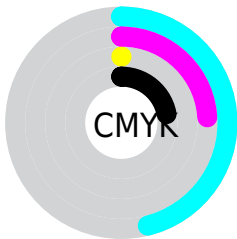
Distribution



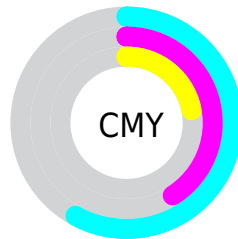
- Red (42%)
- Green (59%)
- Blue (78%)



- Red (42%)
- Yellow (54%)
- Blue (78%)



- Cyan (46%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6763, 29.4915, 58.8773 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 27.6763, 29.4915, 58.8773 by changing the saturation by 10% instead.

■ 27.6763, 29.4915,
58.8773

■ 27.6763, 29.4915,
58.8773

283.0251,
299.5270, 438.1363

■ 18.2210, 19.4529,
42.0950

■ 55.3795, 58.8571,
104.7267

■ 11.2094, 11.9980,
28.8496

■ 74.3581, 78.9529,
134.6308

■ 6.2762, 6.7423,
18.7224

■ 97.2418, 103.1699,
169.7460

■ 3.0560, 3.3015,
11.2951

■ 124.3961,
131.8925, 210.4908

■ 1.1834, 1.2911,
6.1490

156.1862,
165.5052, 257.2836

■ 0.0932, 0.1343,
2.8657

192.9775,

■ 0.0000, 0.0000,

204.3922, 310.5431

1.0265

235.1353,
248.9380, 370.6878

■ 0.0000, 0.0000,
0.0000

■ 27.6763, 29.4915,
58.8773

■ 27.6763, 29.4915,
58.8773

■ 23.8797, 25.1038,
58.2310

■ 32.1878, 34.4789,
59.6027

■ 20.7521, 21.2843,
57.6586

■ 37.4500, 40.0885,
60.4082

■ 18.2468, 18.0032,
57.1574

■ 43.5000, 46.3457,
61.2970

■ 16.3086, 15.2254,
56.7234

■ 50.3711, 53.2730,
62.2720

■ 14.8691, 12.9088,
56.3521

■ 58.0948, 60.8920,
63.3355

■ 14.3819, 12.0831,
56.2184

■ 66.7010, 69.2231,
64.4900

■ 76.2177, 78.2858,
65.7377

■ 81.7245, 85.5482,
66.8492

■ 84.8874, 91.8740,
67.9035

Harmonies

Analogous

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



24.1503, 29.4915, 53.9292



27.6763, 29.4915, 58.8773



31.6331, 29.4915, 55.3826

Triad

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



27.6763, 29.4915, 58.8773



35.2808, 29.4915, 23.1905



22.1518, 29.4915, 21.7979

Complementary

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



27.6763, 29.4915, 58.8773



38.5841, 37.4772, 19.3888

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.



24.7129, 29.4915, 16.4880



27.6763, 29.4915, 58.8773



32.3062, 29.4915, 17.1504

Square

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



27.6763, 29.4915, 58.8773



36.2587, 29.4915, 33.1416



28.3883, 29.4915, 15.0081



21.1525, 29.4915, 31.1025

Rectangle

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



27.6763, 29.4915, 58.8773



33.9458, 29.4915, 49.1000



28.3883, 29.4915, 15.0081



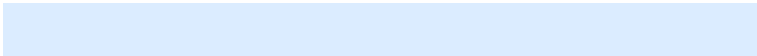
22.8462, 29.4915, 19.5773

Sweetspot

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



27.6773, 29.4926, 58.8780



77.3451, 82.3094, 106.4185



32.8009, 46.8820, 38.5672



16.0268, 17.0794, 22.7019



0.0000, 0.0000, 0.0000



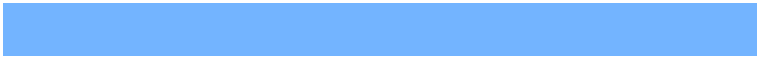
20.3446, 21.4041, 23.3091

Same Dimension

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



27.6773, 29.4926, 58.8780



41.4695, 43.6122, 100.8401



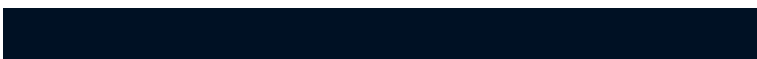
22.1615, 18.1816, 56.9855



10.4585, 11.0911, 13.5071



9.2324, 7.8588, 35.7747



0.5095, 0.5168, 1.7180

Inverse Universe

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



34.7688, 25.2400, 32.3185



55.6112, 36.7721, 47.5078



46.7736, 54.4612, 22.2354



10.8367, 10.7181, 12.1234



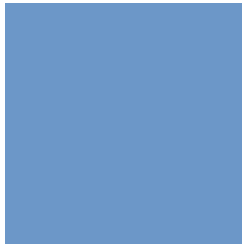
16.4594, 8.3333, 7.6292



0.8159, 0.4092, 0.5535

Previews

White Background



This preview shows how the XYZ color 27.6763, 29.4915, 58.8773 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 27.6763, 29.4915, 58.8773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

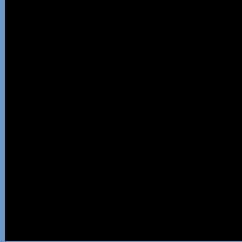
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6763, 29.4915, 58.8773

Background



This preview shows how black text looks on a background with the XYZ color 27.6763, 29.4915, 58.8773.

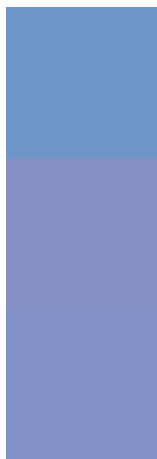


This preview shows how white text looks on a background with the XYZ color 27.6763, 29.4915,

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

27.6763, 29.4915, 58.8773

Protanopia

29.7621, 29.2229, 56.2965

Deuteranopia

30.0281, 29.2931, 59.3298



Tritanopia

24.3640, 29.6312, 41.9714

Trichromacy



Original Color

27.6763, 29.4915, 58.8773

Protanomaly

28.8239, 29.1837, 56.9372

Deuteranomaly

29.1447, 29.2954, 59.3768

Tritanomaly

25.4391, 29.5628, 47.5454

Monochromacy



Original Color

27.6763, 29.4915, 58.8773

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.4946, 28.3731, 39.2021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6763, 29.4915, 58.8773 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(108, 151, 200)` looks like.

```
.text, #text, p{  
    color:rgb(108, 151, 200)  
}
```

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(108, 151, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 151, 200) }
```

Border

The CSS property to change the border of an element to XYZ 27.6763, 29.4915, 58.8773 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(108, 151, 200) }
```


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

```
.border{ border-color:rgb(108, 151, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 151, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 151, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 151, 200);  
box-shadow:4px 4px 4px 4px rgb(108, 151,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6763, 29.4915, 58.8773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 151, 200) }
```

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

```
.background{ background-color: rgb(108,  
151, 200) }
```

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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