

Converting Colors

XYZ(28.4204, 29.7842, 62.7501)

Have a look what the booklet for
XYZ(28.4204, 29.7842, 62.7501)
contains.

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Color

**XYZ(28.3915, 29.7776,
62.6438)**

Conversions

Conversions Part 1

Format	Color
Hex	6C97CE
RGB	108, 151, 206
RGB Percent	42%, 59%, 81%
CMY	0.5765, 0.4078, 0.1922
CMYK	0.48, 0.27, 0.00, 0.19
HSL	214°, 50%, 62%
HSV	214°, 48%, 81%
XYZ	28.3915, 29.7776, 62.6438
YIQ	144.4130, -43.2830, 7.9890

Conversions

Conversions Part 2

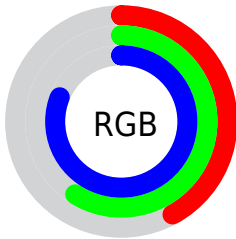
Format	Color
RYB	108, 138, 206
Decimal	7116750
CIELab	61.46, 0.35, -32.79
CIELCh	61, 32.789, 270.609
Yxy	29.7776, 0.2350, 0.2465
Android (android.graphics.Color)	4285306830 (0xFF6C97CE)
YUV	144.4130, 30.3624, -31.9342
Hunter-Lab	54.5689, -2.6242, -29.8654

Details

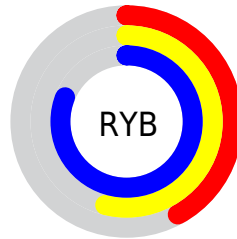
The XYZ color **28.3915, 29.7776, 62.6438** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **41.2585, 40.4000, 19.8119**, and the grayscale version is **26.5705, 27.9542, 30.4421**.

A 20% lighter version of the original color is **55.1912, 58.7752, 103.0436**, and **11.5083, 12.0525, 30.9980** is the 20% darker color. If you saturate the color by 10%, you get **24.4056, 25.0953, 61.9507**, and if you desaturate by 10%, it is **33.1538, 35.1322, 63.4269**.

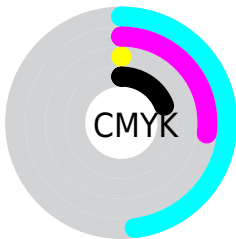
Distribution



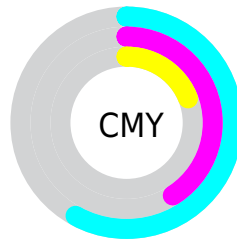
- Red (42%)
- Green (59%)
- Blue (81%)



- Red (42%)
- Yellow (54%)
- Blue (81%)



- Cyan (48%)
- Magenta (27%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3915, 29.7776, 62.6438 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 28.3915, 29.7776, 62.6438 by changing the saturation by 10% instead.

■ 28.3915, 29.7776,
62.6438

■ 28.3915, 29.7776,
62.6438

286.3792,
300.8664, 452.3479

■ 18.7629, 19.6698,
45.1140

■ 56.5132, 59.3103,
110.2361

■ 11.6021, 12.1553,
31.2036

■ 75.7370, 79.5040,
141.1356

■ 6.5436, 6.8495,
20.4942

■ 98.8900, 103.8285,
177.3287

■ 3.2221, 3.3682,
12.5671

■ 126.3374,
132.6682, 219.2340

■ 1.2723, 1.3268,
7.0040

158.4447,
166.4074, 267.2701

■ 0.1623, 0.1618,
3.3861

195.5772,

■ 0.0000, 0.0000,

205.4306, 321.8554

1.2950

238.1003,
250.1221, 383.4085

■ 0.0000, 0.0000,
0.0577

■ 0.0000, 0.0000,
0.0000

■ 28.3915, 29.7776,
62.6438

■ 28.3915, 29.7776,
62.6438

■ 24.4056, 25.0953,
61.9507

■ 33.1538, 35.1322,
63.4269

■ 21.1455, 21.0497,
61.3416

■ 38.7326, 41.1855,
64.3013

■ 18.5588, 17.6062,
60.8133

■ 45.1689, 47.9664,
65.2709

■ 16.5835, 14.7245,
60.3612

■ 52.4996, 55.5007,
66.3388

■ 15.1349, 12.3517,
59.9795

■ 60.7596, 63.8131,
67.5079

■ 14.8297, 11.8342,
59.8957

■ 69.9817, 72.9270,
68.7810

■ 80.1971, 82.8647,
70.1608

■ 84.5790, 90.1129,
71.3288

■ 88.1407, 97.2363,
72.5161

Harmonies

Analogous

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



24.4046, 29.7776, 57.9979



28.3915, 29.7776, 62.6438



32.7643, 29.7776, 57.6244

Triad

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



28.3915, 29.7776, 62.6438



36.1028, 29.7776, 21.7199



21.6415, 29.7776, 22.0585

Complementary

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



28.3915, 29.7776, 62.6438



41.2585, 40.4000, 19.8119

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.



24.2657, 29.7776, 15.9068



28.3915, 29.7776, 62.6438



32.5952, 29.7776, 15.7493

Square

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



28.3915, 29.7776, 62.6438



37.4862, 29.7776, 32.1694



28.2141, 29.7776, 13.9262



20.7568, 29.7776, 32.6774

Rectangle

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



28.3915, 29.7776, 62.6438



35.2484, 29.7776, 50.0611



28.2141, 29.7776, 13.9262



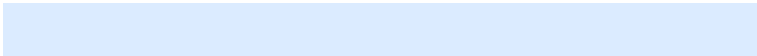
22.3352, 29.7776, 19.5066

Sweetspot

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



28.3925, 29.7787, 62.6445



77.0519, 81.7228, 106.3208



34.7693, 49.9366, 41.9431



15.9556, 16.9369, 22.6782



0.0000, 0.0000, 0.0000



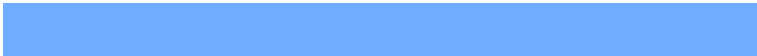
20.3446, 21.4041, 23.3091

Same Dimension

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



28.3925, 29.7787, 62.6445



39.4623, 40.5633, 100.3574



23.3014, 18.6866, 60.7719



11.0000, 11.6404, 14.2374



9.2246, 7.4733, 36.9126



0.5510, 0.5358, 1.9293

Inverse Universe

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



36.4030, 26.0824, 32.3950



54.3623, 35.3701, 43.7134



48.8931, 57.6574, 22.7405



11.4134, 11.2941, 12.7114



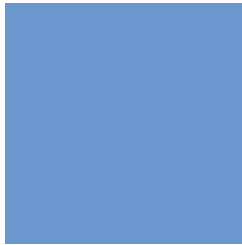
16.8671, 8.5574, 7.0187



0.9081, 0.4566, 0.5617

Previews

White Background



This preview shows how the XYZ color 28.3915, 29.7776, 62.6438 looks on a white background.

Color Contrast Check

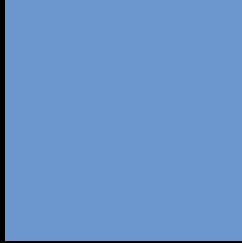
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3915, 29.7776, 62.6438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

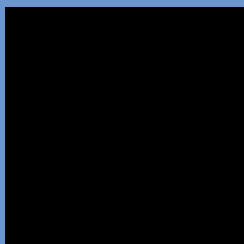
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

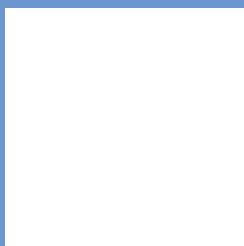
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3915, 29.7776, 62.6438

Background



This preview shows how black text looks on a background with the XYZ color 28.3915, 29.7776, 62.6438.

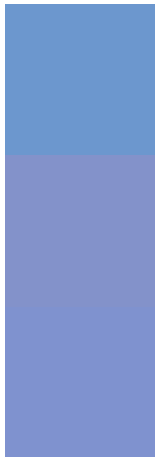


This preview shows how white text looks on a background with the XYZ color 28.3915, 29.7776,

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

28.3915, 29.7776, 62.6438

Protanopia

30.2996, 29.6473, 60.0027

Deuteranopia

30.2938, 29.5748, 63.1433



Tritanopia

24.4123, 29.8974, 42.5143

Trichromacy



Original Color

28.3915, 29.7776, 62.6438

Protanomaly

29.5378, 29.7026, 60.6763

Deuteranomaly

29.5981, 29.6779, 63.1999

Tritanomaly

25.6354, 29.6283, 49.1674

Monochromacy



Original Color

28.3915, 29.7776, 62.6438

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.7688, 28.4828, 40.6461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3915, 29.7776, 62.6438 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(108, 151, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 151, 206) }
```

Border

The CSS property to change the border of an element to XYZ 28.3915, 29.7776, 62.6438 is called "border". The border property can be set on classes, ids or directly on the HTML element.

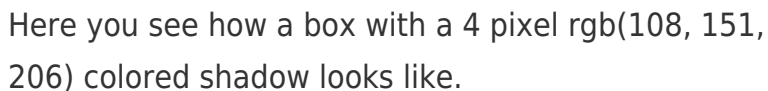
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 151, 206) }
```


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

```
.border{ border-color:rgb(108, 151, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 151, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 151, 206); box-shadow:4px 4px 4px 4px rgb(108, 151, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3915, 29.7776, 62.6438 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, 206) }
```

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

```
.background{ background-color: rgb(108,  
151, 206) }
```

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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