

Converting Colors

XYZ(28.1520, 28.6056, 59.7833)

Have a look what the booklet for
XYZ(28.1520, 28.6056, 59.7833)
contains.

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Color

**XYZ(28.1420, 28.5350,
59.9017)**

Conversions

Conversions Part 1

Format	Color
Hex	7492CA
RGB	116, 146, 202
RGB Percent	45%, 57%, 79%
CMY	0.5451, 0.4274, 0.2078
CMYK	0.43, 0.28, 0.00, 0.21
HSL	219°, 45%, 62%
HSV	219°, 43%, 79%
XYZ	28.1420, 28.5350, 59.9017
YIQ	143.4140, -35.8560, 11.0560

Conversions

Conversions Part 2

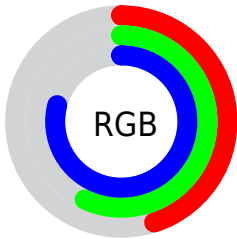
Format	Color
R_{YB}	116, 138, 202
Decimal	7639754
CIE _{Lab}	60.37, 4.08, -32.21
CIE _{LCh}	60, 32.465, 277.215
Yxy	28.5350, 0.2414, 0.2448
Android (android.graphics.Color)	4285829834 (0xFF7492CA)
YUV	143.4140, 28.8829, -24.0421
Hunter-Lab	53.4182, 0.5564, -29.0935

Details

The XYZ color **28.1420, 28.5350, 59.9017** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **42.2629, 43.3237, 22.6590**, and the grayscale version is **26.1730, 27.5361, 29.9868**.

A 20% lighter version of the original color is **55.4989, 57.1865, 102.7207**, and **11.5148, 11.5280, 29.6352** is the 20% darker color. If you saturate the color by 10%, you get **23.8308, 23.4741, 59.1526**, and if you desaturate by 10%, it is **33.2723, 34.3656, 60.7573**.

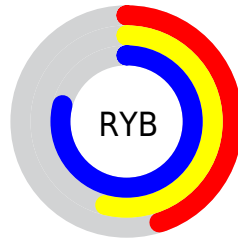
Distribution



Red (45%)

Green (57%)

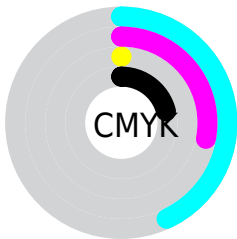
Blue (79%)



Red (45%)

Yellow (54%)

Blue (79%)

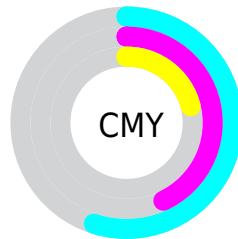


Cyan (43%)

Magenta (28%)

Yellow (0%)

Black (21%)



Cyan (55%)

Magenta (43%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1420, 28.5350, 59.9017 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 28.1420, 28.5350, 59.9017 by changing the saturation by 10% instead.

■ 28.1420, 28.5350,
59.9017

■ 28.1420, 28.5350,
59.9017

285.2126,
295.0146, 442.0299

■ 18.5737, 18.7293,
42.9146

■ 56.1181, 57.3375,
106.2290

■ 11.4648, 11.4749,
29.4872

■ 75.2567, 77.1031,
136.4064

■ 6.4500, 6.3872,
19.2010

■ 98.3161, 100.9574,
171.8176

■ 3.1638, 3.0819,
11.6373

125.6616,
129.2850, 212.8811

■ 1.2410, 1.1747,
6.3777

157.6587,
162.4700, 260.0156

■ 0.1384, 0.0409,
3.0036

194.6727,

■ 0.0000, 0.0000,

200.8971, 313.6395

1.0965

237.0688,
244.9505, 374.1715

■ 0.0000, 0.0000,
0.0000

■ 28.1420, 28.5350,
59.9017

■ 28.1420, 28.5350,
59.9017

■ 23.8308, 23.4741,
59.1526

■ 33.2723, 34.3656,
60.7573

■ 20.2897, 19.1443,
58.5035

■ 39.2609, 40.9957,
61.7213

■ 17.4685, 15.5080,
57.9503

■ 46.1482, 48.4571,
62.7985

■ 15.3093, 12.5221,
57.4878

■ 53.9709, 56.7790,
63.9925

■ 13.7437, 10.1376,
57.1100

■ 62.7635, 65.9890,
65.3068

■ 12.8801, 8.7029,
56.8786

■ 72.5589, 76.1135,
66.7448

■ 82.4980, 86.7188,
68.2680

■ 86.4703, 94.6635,
69.5921

■ 87.6608, 97.0443,
69.9889

Harmonies

Analogous

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



24.1311, 28.5350, 57.4399



28.1420, 28.5350, 59.9017



32.2703, 28.5350, 53.2010

Triad

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



28.1420, 28.5350, 59.9017



34.0274, 28.5350, 19.1399



20.3756, 28.5350, 22.9922

Complementary

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



28.1420, 28.5350, 59.9017



42.2629, 43.3237, 22.6590

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.



22.5521, 28.5350, 16.1260



28.1420, 28.5350, 59.9017



30.3497, 28.5350, 14.3329

Square

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



28.1420, 28.5350, 59.9017



35.8871, 28.5350, 28.2719



26.1263, 28.5350, 13.3921



19.9141, 28.5350, 34.0463

Rectangle

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



28.1420, 28.5350, 59.9017



34.4429, 28.5350, 45.2498



26.1263, 28.5350, 13.3921



20.9192, 28.5350, 20.2128

Sweetspot

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



28.1430, 28.5361, 59.9024



77.3845, 81.2383, 106.2097



35.7607, 48.9295, 46.5399



15.9806, 16.7608, 22.6428



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.



28.1430, 28.5361, 59.9024



40.9341, 40.4441, 100.2568



25.9452, 21.4155, 58.6438



10.9165, 11.4734, 14.2096



8.3640, 5.7519, 36.6257



0.5022, 0.4382, 1.9131

Inverse Universe

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



35.7917, 27.1237, 30.5441



55.8529, 38.8288, 42.7379



45.2848, 54.3343, 24.6250



11.3712, 11.2772, 12.4894



16.4326, 8.3836, 4.7310



0.8835, 0.4468, 0.4321

Previews

White Background



This preview shows how the XYZ color 28.1420, 28.5350, 59.9017 looks on a white background.

Color Contrast Check

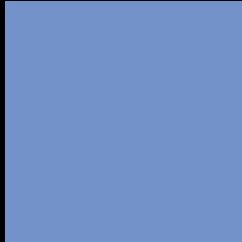
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1420, 28.5350, 59.9017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

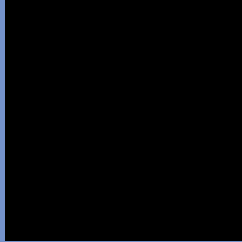
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.1420, 28.5350, 59.9017

Background



This preview shows how black text looks on a background with the XYZ color 28.1420, 28.5350, 59.9017.



This preview shows how white text looks on a background with the XYZ color 28.1420, 28.5350,

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

28.1420, 28.5350, 59.9017

Protanopia

29.1499, 28.4042, 58.5898

Deuteranopia

29.2061, 28.3923, 60.4409



Tritanopia

24.1266, 28.5632, 39.8390

Trichromacy



Original Color

28.1420, 28.5350, 59.9017

Protanomaly

28.8281, 28.4486, 59.2301

Deuteranomaly

28.7788, 28.3959, 60.4641

Tritanomaly

25.3726, 28.3420, 46.2528

Monochromacy



Original Color

28.1420, 28.5350, 59.9017

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.3470, 27.6134, 39.0632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1420, 28.5350, 59.9017 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(116, 146, 202)` looks like.

```
.text, #text, p{  
    color:rgb(116, 146, 202)  
}
```

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(116, 146, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 146, 202) }
```

Border

The CSS property to change the border of an element to XYZ 28.1420, 28.5350, 59.9017 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(116, 146, 202) }
```


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

```
.border{ border-color:rgb(116, 146, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 146, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 146, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 146, 202); box-shadow:4px 4px 4px 4px rgb(116, 146, 202) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1420, 28.5350, 59.9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 146, 202) }
```

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

```
.background{ background-color: rgb(116,  
146, 202) }
```

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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