

Converting Colors

XYZ(28.1392, 28.3194, 59.2414)

Have a look what the booklet for
XYZ(28.1392, 28.3194, 59.2414)
contains.

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Color

**XYZ(28.1392, 28.3194,
59.2414)**

Conversions

Conversions Part 1

Format	Color
Hex	7691C9
RGB	118, 145, 201
RGB Percent	46%, 57%, 79%
CMY	0.5372, 0.4314, 0.2118
CMYK	0.41, 0.28, 0.00, 0.21
HSL	220°, 43%, 63%
HSV	220°, 41%, 79%
XYZ	28.1392, 28.3194, 59.2414
YIQ	143.3110, -34.0680, 11.6920

Conversions

Conversions Part 2

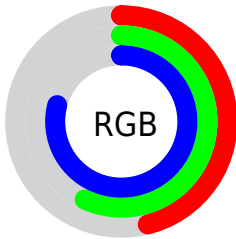
Format	Color
R _Y B	118, 138, 201
Decimal	7770569
CIE Lab	60.18, 4.90, -31.94
CIE LCh	60, 32.310, 278.718
Yxy	28.3194, 0.2432, 0.2448
Android (android.graphics.Color)	4285960649 (0xFF7691C9)
YUV	143.3110, 28.4407, -22.1977
Hunter-Lab	53.2160, 1.2581, -28.7520

Details

The XYZ color **28.1392, 28.3194, 59.2414** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **42.4942, 43.9984, 23.3935**, and the grayscale version is **26.1331, 27.4940, 29.9410**.

A 20% lighter version of the original color is **55.7070, 56.9511, 102.6643**, and **11.4730, 11.3810, 29.1958** is the 20% darker color. If you saturate the color by 10%, you get **23.7450, 23.1597, 58.4776**, and if you desaturate by 10%, it is **33.3644, 34.2758, 60.1162**.

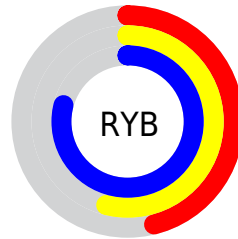
Distribution



Red (46%)

Green (57%)

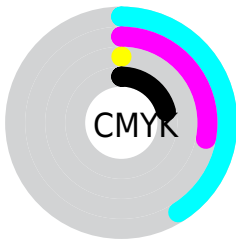
Blue (79%)



Red (46%)

Yellow (54%)

Blue (79%)

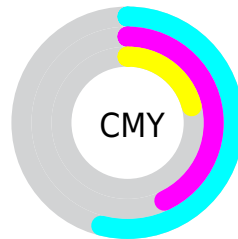


Cyan (41%)

Magenta (28%)

Yellow (0%)

Black (21%)



Cyan (54%)

Magenta (43%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1392, 28.3194, 59.2414 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 28.1392, 28.3194, 59.2414 by changing the saturation by 10% instead.

■ 28.1392, 28.3194,
59.2414

■ 28.1392, 28.3194,
59.2414

285.1995,
293.9900, 439.5227

■ 18.5716, 18.5666,
42.3862

■ 56.1137, 56.9940,
105.2610

■ 11.4633, 11.3575,
29.0760

■ 75.2513, 76.6845,
135.2625

■ 6.4490, 6.3078,
18.8922

■ 98.3096, 100.4564,
170.4831

■ 3.1632, 3.0332,
11.4164

125.6540,
128.6940, 211.3414

■ 1.2406, 1.1491,
6.2300

157.6499,
161.7818, 258.2560

■ 0.1381, 0.0195,
2.9144

194.6625,

■ 0.0000, 0.0000,

200.1041, 311.6454

1.0511

237.0572,
244.0454, 371.9281

■ 0.0000, 0.0000,
0.0000

■ 28.1392, 28.3194,
59.2414

■ 28.1392, 28.3194,
59.2414

■ 23.7450, 23.1597,
58.4776

■ 33.3644, 34.2758,
60.1162

■ 20.1328, 18.7570,
57.8182

■ 39.4598, 41.0597,
61.1044

■ 17.2528, 15.0725,
57.2588

■ 46.4656, 48.7041,
62.2107

■ 15.0478, 12.0623,
56.7940

■ 54.4186, 57.2391,
63.4389

■ 13.4505, 9.6760,
56.4176

■ 63.3536, 66.6933,
64.7928

■ 12.4552, 8.0421,
56.1547

■ 73.3032, 77.0939,
66.2760

■ 82.9231, 87.7578,
67.8273

■ 87.0643, 96.0403,
69.2077

■ 87.5427, 96.9971,
69.3671

Harmonies

Analogous

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



24.1345, 28.3194, 57.2717



28.1392, 28.3194, 59.2414



32.1990, 28.3194, 52.2163

Triad

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



28.1392, 28.3194, 59.2414



33.6045, 28.3194, 18.6789



20.1708, 28.3194, 23.2910

Complementary

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



28.1392, 28.3194, 59.2414



42.4942, 43.9984, 23.3935

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.



22.2463, 28.3194, 16.2696



28.1392, 28.3194, 59.2414



29.9050, 28.3194, 14.1196

Square

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



28.1392, 28.3194, 59.2414



35.5595, 28.3194, 27.5127



25.7302, 28.3194, 13.3677



19.8018, 28.3194, 34.4146

Rectangle

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



28.1392, 28.3194, 59.2414



34.2946, 28.3194, 44.2249



25.7302, 28.3194, 13.3677



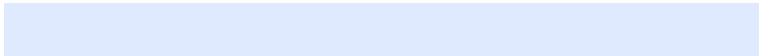
20.6810, 28.3194, 20.4639

Sweetspot

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



28.1402, 28.3205, 59.2421



78.4384, 82.1788, 106.3357



35.9338, 48.6556, 47.2029



16.4333, 17.2038, 22.7045



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.



28.1402, 28.3205, 59.2421



41.0605, 40.1375, 100.1909



26.5117, 22.0671, 58.1209



10.3337, 10.8416, 13.4655



7.9060, 5.2059, 35.3325



0.4407, 0.3792, 1.6951

Inverse Universe

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



35.6775, 27.4197, 30.2012



56.0533, 39.4319, 42.1811



44.6917, 53.6677, 25.1440



10.7737, 10.6929, 11.7918



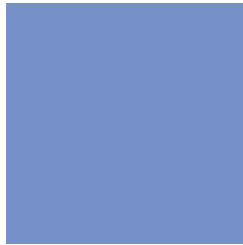
15.7899, 8.0655, 4.1035



0.7811, 0.3953, 0.3707

Previews

White Background



This preview shows how the XYZ color 28.1392, 28.3194, 59.2414 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 28.1392, 28.3194, 59.2414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

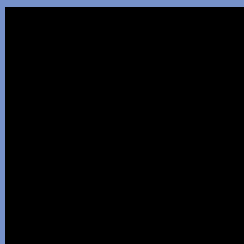
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

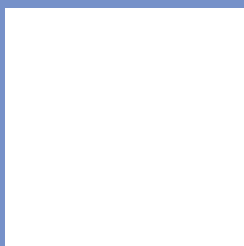
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1392, 28.3194, 59.2414

Background



This preview shows how black text looks on a background with the XYZ color 28.1392, 28.3194, 59.2414.

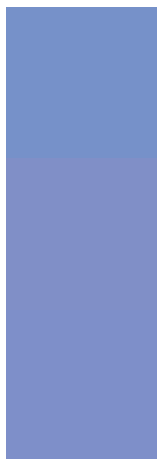


This preview shows how white text looks on a background with the XYZ color 28.1392, 28.3194,

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

28.1392, 28.3194, 59.2414

Protanopia

29.0334, 28.3576, 57.9762

Deuteranopia

28.9693, 28.2976, 59.1935



Tritanopia

24.1134, 28.3250, 39.3183

Trichromacy



Original Color

28.1392, 28.3194, 59.2414

Protanomaly

28.7108, 28.4017, 58.6124

Deuteranomaly

28.6843, 28.3745, 59.2233

Tritanomaly

25.3653, 28.1140, 45.6846

Monochromacy



Original Color

28.1392, 28.3194, 59.2414

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5056, 27.6952, 39.0707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1392, 28.3194, 59.2414 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(118, 145, 201)` looks like.

```
.text, #text, p{  
    color:rgb(118, 145, 201)  
}
```

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(118, 145, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 145, 201) }
```

Border

The CSS property to change the border of an element to XYZ 28.1392, 28.3194, 59.2414 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(118, 145, 201) }
```


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

```
.border{ border-color:rgb(118, 145, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 145, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 145, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 145, 201);  
box-shadow:4px 4px 4px 4px rgb(118, 145,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1392, 28.3194, 59.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 145, 201) }
```

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

```
.background{ background-color: rgb(118,  
145, 201) }
```

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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