

Converting Colors

XYZ(30.2528, 32.3436, 59.9069)

Have a look what the booklet for
XYZ(30.2528, 32.3436, 59.9069)
contains.

XYZ(30.2073, 32.2529, 59.8917)	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(30.2073, 32.2529,
59.8917)**

Conversions

Conversions Part 1

Format	Color
Hex	779DC9
RGB	119, 157, 201
RGB Percent	47%, 62%, 79%
CMY	0.5333, 0.3843, 0.2118
CMYK	0.41, 0.22, 0.00, 0.21
HSL	212°, 43%, 63%
HSV	212°, 41%, 79%
XYZ	30.2073, 32.2529, 59.8917
YIQ	150.6540, -36.7720, 5.6280

Conversions

Conversions Part 2

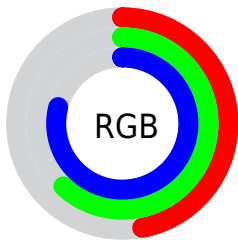
Format	Color
R _Y B	119, 145, 201
Decimal	7839177
CIE Lab	63.55, -1.68, -26.71
CIE LCh	64, 26.765, 266.403
Yxy	32.2529, 0.2469, 0.2636
Android (android.graphics.Color)	4286029257 (0xFF779DC9)
YUV	150.6540, 24.8206, -27.7606
Hunter-Lab	56.7916, -4.4418, -22.7723

Details

The XYZ color **30.2073, 32.2529, 59.8917** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.5151, 39.9446, 23.0285**, and the grayscale version is **29.1772, 30.6967, 33.4287**.

A 20% lighter version of the original color is **58.7998, 62.8072, 103.6317**, and **12.6005, 13.5385, 29.5528** is the 20% darker color. If you saturate the color by 10%, you get **25.9902, 27.4892, 59.1951**, and if you desaturate by 10%, it is **35.1710, 37.6420, 60.6709**.

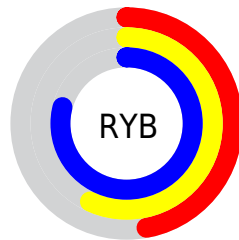
Distribution



Red (47%)

Green (62%)

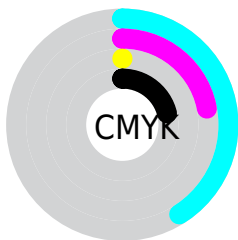
Blue (79%)



Red (47%)

Yellow (57%)

Blue (79%)

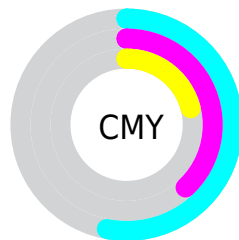


Cyan (41%)

Magenta (22%)

Yellow (0%)

Black (21%)



Cyan (53%)

Magenta (38%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2073, 32.2529, 59.8917 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 30.2073, 32.2529, 59.8917 by changing the saturation by 10% instead.

■ 30.2073, 32.2529,
59.8917

■ 30.2073, 32.2529,
59.8917

294.7620,
312.2697, 441.9920

■ 20.1448, 21.5547,
42.9066

■ 59.3742, 63.2073,
106.2144

■ 12.6092, 13.5301,
29.4810

■ 79.2094, 84.2324,
136.3891

■ 7.2352, 7.7946,
19.1963

■ 103.0329,
109.4686, 171.7974

■ 3.6572, 3.9638,
11.6339

131.2100,
139.3003, 212.8578

■ 1.5101, 1.6533,
6.3754

164.1061,
174.1118, 259.9890

■ 0.3327, 0.3932,
3.0022

202.0866,

■ 0.0000, 0.0000,

214.2876, 313.6094

1.0958

245.5168,
260.2121, 374.1375

■ 0.0000, 0.0000,
0.0000

■ 30.2073, 32.2529,
59.8917

■ 30.2073, 32.2529,
59.8917

■ 25.9902, 27.4892,
59.1951

■ 35.1710, 37.6420,
60.6709

■ 22.4752, 23.3197,
58.5755

■ 40.9159, 43.6783,
61.5332

■ 19.6178, 19.7158,
58.0305

■ 47.4782, 50.3867,
62.4822

■ 17.3662, 16.6441,
57.5563

■ 54.8908, 57.7898,
63.5204

■ 15.6595, 14.0662,
57.1487

■ 63.1847, 65.9088,
64.6504

■ 14.4701, 12.0718,
56.8264

■ 72.3891, 74.7642,
65.8746

■ 80.7803, 83.4721,
67.1131

■ 83.9187, 89.7491,
68.1593

■ 87.2469, 96.4055,
69.2687

Harmonies

Analogous

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



26.8523, 32.2529, 55.1767



30.2073, 32.2529, 59.8917



33.9597, 32.2529, 56.9382

Triad

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



30.2073, 32.2529, 59.8917



37.5451, 32.2529, 26.7461



25.0564, 32.2529, 24.9261

Complementary

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



30.2073, 32.2529, 59.8917



40.5151, 39.9446, 23.0285

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.



27.5727, 32.2529, 19.7347



30.2073, 32.2529, 59.8917



34.8016, 32.2529, 20.6261

Square

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



30.2073, 32.2529, 59.8917



38.3924, 32.2529, 36.4234



31.1079, 32.2529, 18.3363



24.0346, 32.2529, 33.8440

Rectangle

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



30.2073, 32.2529, 59.8917



36.1536, 32.2529, 51.2880



31.1079, 32.2529, 18.3363



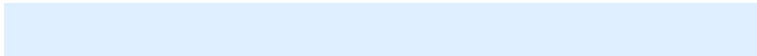
25.7450, 32.2529, 22.7632

Sweetspot

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



30.2084, 32.2541, 59.8925



79.6585, 84.6190, 106.7424



35.0823, 48.3308, 42.0059



16.7196, 17.7765, 22.7999



0.0000, 0.0000, 0.0000



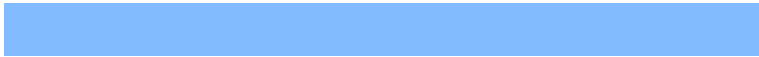
20.3446, 21.4041, 23.3091

Same Dimension

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



30.2084, 32.2541, 59.8925



45.2371, 47.9167, 101.4723



25.1287, 21.5299, 58.0902



10.4550, 11.0840, 13.5059



9.1878, 7.7696, 35.7598



0.5073, 0.5125, 1.7173

Inverse Universe

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



36.7709, 28.0465, 35.3750



58.3015, 40.8674, 52.3665



47.5762, 55.1479, 25.5909



10.8349, 10.7174, 12.1140



16.4369, 8.3243, 7.5107



0.8148, 0.4088, 0.5478

Previews

White Background



This preview shows how the XYZ color 30.2073, 32.2529, 59.8917 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.2073, 32.2529, 59.8917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

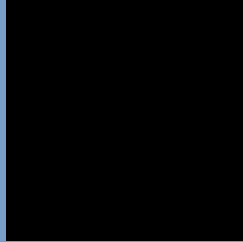
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2073, 32.2529, 59.8917

Background



This preview shows how black text looks on a background with the XYZ color 30.2073, 32.2529, 59.8917.



This preview shows how white text looks on a background with the XYZ color 30.2073, 32.2529,

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

30.2073, 32.2529, 59.8917

Protanopia

32.4616, 32.2385, 57.3351

Deuteranopia

32.8826, 32.1483, 60.3493



Tritanopia

27.3403, 32.3806, 45.3665

Trichromacy



Original Color

30.2073, 32.2529, 59.8917

Protanomaly

31.5802, 32.2568, 57.9878

Deuteranomaly

31.8834, 32.1151, 60.3955

Tritanomaly

28.2928, 32.2471, 50.0805

Monochromacy



Original Color

30.2073, 32.2529, 59.8917

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.2001, 31.1360, 42.0070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2073, 32.2529, 59.8917 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(119, 157, 201)` looks like.

```
.text, #text, p{  
    color:rgb(119, 157, 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(119, 157, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 157, 201) }
```

Border

The CSS property to change the border of an element to XYZ 30.2073, 32.2529, 59.8917 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(119, 157, 201) }
```


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

```
.border{ border-color:rgb(119, 157, 201) }
```

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

Here you see how a box with a 4 pixel rgb(119, 157, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 157, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 157, 201);  
box-shadow:4px 4px 4px 4px rgb(119, 157,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2073, 32.2529, 59.8917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 157, 201) }
```

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

```
.background{ background-color: rgb(119,  
157, 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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