

Converting Colors

XYZ(30.3192, 32.9954, 75.2918)

Have a look what the booklet for
XYZ(30.3192, 32.9954, 75.2918)
contains.

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Color

**XYZ(30.3192, 32.9954,
75.2918)**

Conversions

Conversions Part 1

Format	Color
Hex	59A1E0
RGB	89, 161, 224
RGB Percent	35%, 63%, 88%
CMY	0.6510, 0.3686, 0.1216
CMYK	0.60, 0.28, 0.00, 0.12
HSL	208°, 69%, 61%
HSV	208°, 60%, 88%
XYZ	30.3192, 32.9954, 75.2918
YIQ	146.6540, -63.1350, 4.3290

Conversions

Conversions Part 2

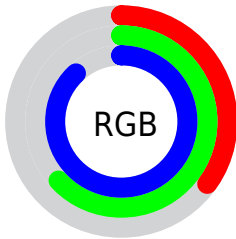
Format	Color
R _Y B	89, 136, 224
Decimal	5874144
CIE Lab	64.16, -3.87, -38.66
CIE LCh	64, 38.850, 264.284
Yxy	32.9954, 0.2187, 0.2381
Android (android.graphics.Color)	4284064224 (0xFF59A1E0)
YUV	146.6540, 38.1316, -50.5626
Hunter-Lab	57.4416, -6.3058, -37.5054

Details

The XYZ color **30.3192, 32.9954, 75.2918** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **43.7733, 39.0270, 14.6785**, and the grayscale version is **27.4581, 28.8880, 31.4590**.

A 20% lighter version of the original color is **55.0003, 62.7213, 103.8153**, and **12.6563, 13.9855, 39.0782** is the 20% darker color. If you saturate the color by 10%, you get **26.7366, 28.5495, 74.6231**, and if you desaturate by 10%, it is **34.7107, 38.0861, 76.0436**.

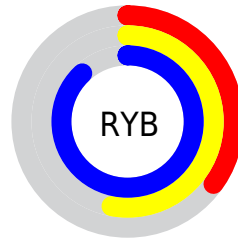
Distribution



Red (35%)

Green (63%)

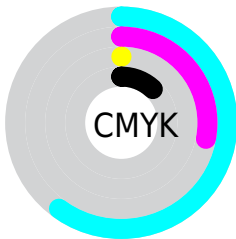
Blue (88%)



Red (35%)

Yellow (53%)

Blue (88%)

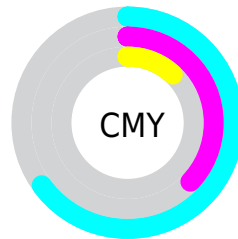


Cyan (60%)

Magenta (28%)

Yellow (0%)

Black (12%)



Cyan (65%)

Magenta (37%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3192, 32.9954, 75.2918 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 30.3192, 32.9954, 75.2918 by changing the saturation by 10% instead.

■ 30.3192, 32.9954,
75.2918

■ 30.3192, 32.9954,
75.2918

295.2727,
315.6290, 498.2021

■ 20.2303, 22.1229,
55.3488

■ 59.5498, 64.3683,
128.4762

■ 12.6718, 13.9472,
39.2806

■ 79.4221, 85.6376,
162.5547

■ 7.2784, 8.0840,
26.6686

■ 103.2864,
111.1412, 202.1822

■ 3.6847, 4.1487,
17.0942

■ 131.5078,
141.2637, 247.7771

■ 1.5253, 1.7571,
10.1390

164.4518,
176.3893, 299.7580

■ 0.3430, 0.4602,
5.3844

202.4837,

■ 0.0000, 0.0000,

216.9024, 358.5434

2.4119

245.9689,
263.1875, 424.5519

■ 0.0000, 0.0000,
0.7929

■ 0.0000, 0.0000,
0.0000

■ 30.3192, 32.9954,
75.2918

■ 30.3192, 32.9954,
75.2918

■ 26.7366, 28.5495,
74.6231

■ 34.7107, 38.0861,
76.0436

■ 23.8942, 24.7059,
74.0310

■ 39.9648, 43.8531,
76.8798

■ 21.7163, 21.4203,
73.5117

■ 46.1345, 50.3293,
77.8047

■ 20.1070, 18.6865,
73.0688

■ 53.2670, 57.5441,
78.8214

■ 61.4062, 65.5249,
79.9328

■ 70.5932, 74.2975,
81.1419

■ 80.8664, 83.8865,
82.4513

■ 87.2356, 91.7236,
83.6283

■ 90.4547, 98.1619,
84.7014

Harmonies

Analogous

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



25.5819, 32.9954, 66.5670



30.3192, 32.9954, 75.2918



35.9161, 32.9954, 71.2240

Triad

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



30.3192, 32.9954, 75.2918



42.0262, 32.9954, 24.8513



23.5321, 32.9954, 20.9832

Complementary

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



30.3192, 32.9954, 75.2918



43.7733, 39.0270, 14.6785

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.



27.2085, 32.9954, 14.7816



30.3192, 32.9954, 75.2918



37.9511, 32.9954, 16.5146

Square

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



30.3192, 32.9954, 75.2918



43.1092, 32.9954, 39.0294



32.4267, 32.9954, 13.4257



21.9685, 32.9954, 32.9924

Rectangle

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



30.3192, 32.9954, 75.2918



39.3426, 32.9954, 62.2738



32.4267, 32.9954, 13.4257



24.5395, 32.9954, 18.3088

Sweetspot

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



30.3204, 32.9966, 75.2926



73.6761, 79.3964, 106.0496



36.4442, 57.7031, 38.9245



15.1220, 16.3507, 22.6089



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.



30.3204, 32.9966, 75.2926



34.9252, 37.0693, 99.9221



21.5341, 15.4239, 72.3638



13.5543, 14.4477, 17.4620



11.8199, 11.1093, 42.5697



0.9087, 0.9488, 2.9805

Inverse Universe

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



40.7469, 25.5666, 36.5065



50.7101, 28.6941, 40.5587



58.0067, 67.4938, 19.4229



14.0113, 13.8221, 15.8294



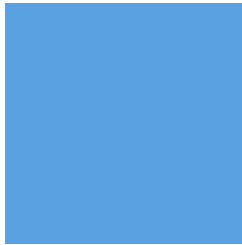
19.9063, 10.0295, 11.4384



1.4249, 0.7132, 1.0305

Previews

White Background



This preview shows how the XYZ color 30.3192, 32.9954, 75.2918 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 30.3192, 32.9954, 75.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

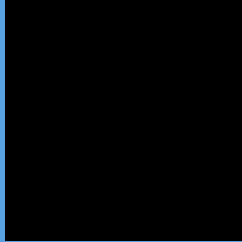
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3192, 32.9954, 75.2918

Background



This preview shows how black text looks on a background with the XYZ color 30.3192, 32.9954, 75.2918.

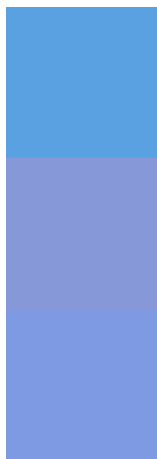


This preview shows how white text looks on a background with the XYZ color 30.3192, 32.9954,

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

30.3192, 32.9954, 75.2918

Protanopia

33.7443, 32.6171, 70.1629

Deuteranopia

33.7405, 32.9622, 76.5355



Tritanopia

25.2610, 33.0969, 49.8567

Trichromacy



Original Color

30.3192, 32.9954, 75.2918

Protanomaly

32.1108, 32.4615, 72.2834

Deuteranomaly

32.3297, 32.9949, 75.8989

Tritanomaly

26.8898, 32.9274, 58.3645

Monochromacy



Original Color

30.3192, 32.9954, 75.2918

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5703, 29.9872, 44.8924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3192, 32.9954, 75.2918 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(89, 161, 224)` looks like.

```
.text, #text, p{  
    color:rgb(89, 161, 224)  
}
```

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(89, 161, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 161, 224) }
```

Border

The CSS property to change the border of an element to XYZ 30.3192, 32.9954, 75.2918 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(89, 161, 224) }
```


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

```
.border{ border-color:rgb(89, 161, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 161, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 161, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 161, 224);  
box-shadow:4px 4px 4px 4px rgb(89, 161,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3192, 32.9954, 75.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 161, 224) }
```

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

```
.background{ background-color: rgb(89, 161,  
224) }
```

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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