

Converting Colors

XYZ(17.3515, 10.0488, 61.2296)

Have a look what the booklet for
XYZ(17.3515, 10.0488, 61.2296)
contains.

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Color

**XYZ(17.3409, 10.0088,
61.3395)**

Conversions

Conversions Part 1

Format	Color
Hex	5A3CD1
RGB	90, 60, 209
RGB Percent	35%, 24%, 82%
CMY	0.6470, 0.7647, 0.1804
CMYK	0.57, 0.71, 0.00, 0.18
HSL	252°, 62%, 53%
HSV	252°, 71%, 82%
XYZ	17.3409, 10.0088, 61.3395
YIQ	85.9560, -29.9490, 52.6990

Conversions

Conversions Part 2

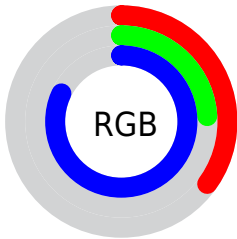
Format	Color
R_{YB}	90, 60, 209
Decimal	5913809
CIE _{Lab}	37.86, 51.44, -72.32
CIE _{LCh}	38, 88.747, 305.421
Yxy	10.0088, 0.1955, 0.1129
Android (android.graphics.Color)	4284103889 (0xFF5A3CD1)
YUV	85.9560, 60.6607, 3.5466
Hunter-Lab	31.6367, 42.4763, -92.8101

Details

The XYZ color **17.3409, 10.0088, 61.3395** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **42.2051, 55.5103, 12.7650**, and the grayscale version is **8.7166, 9.1706, 9.9867**.

A 20% lighter version of the original color is **36.3884, 24.9512, 97.5059**, and **5.8475, 2.4953, 30.3104** is the 20% darker color. If you saturate the color by 10%, you get **15.0090, 7.4898, 60.9765**, and if you desaturate by 10%, it is **20.4706, 13.5804, 61.8642**.

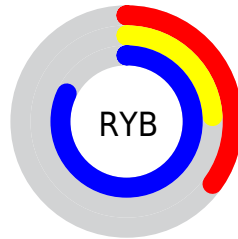
Distribution



Red (35%)

Green (24%)

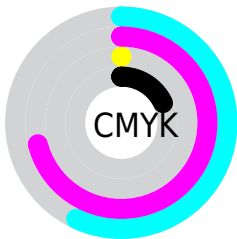
Blue (82%)



Red (35%)

Yellow (24%)

Blue (82%)

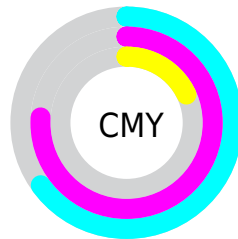


Cyan (57%)

Magenta (71%)

Yellow (0%)

Black (18%)



Cyan (65%)

Magenta (76%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3409, 10.0088, 61.3395 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 17.3409, 10.0088, 61.3395 by changing the saturation by 10% instead.

■ 17.3409, 10.0088,
61.3395

■ 17.3409, 10.0088,
61.3395

230.2474,
190.7349, 447.4587

■ 10.5746, 5.4048,
44.0669

■ 38.4499, 25.8121,
108.3327

■ 5.8468, 2.4867,
30.3855

■ 53.5234, 37.7801,
138.8903

■ 2.7919, 0.8700,
19.8769

■ 72.0967, 52.9716,
174.7133

■ 1.0447, 0.0000,
12.1224

■ 94.5351, 71.7709,
216.2203

■ 0.0000, 0.0000,
6.7035

■ 121.2041, 94.5626,
263.8298

■ 0.0000, 0.0000,
3.2018

■ 152.4689,

■ 0.0000, 0.0000,

121.7308, 317.9604

1.1986

188.6949,
153.6601, 379.0305

■ 0.0000, 0.0000,
0.0000

■ 17.3409, 10.0088,
61.3395

■ 17.3409, 10.0088,
61.3395

■ 15.0090, 7.4898,
60.9765

■ 20.4706, 13.5804,
61.8642

■ 13.3942, 5.9014,
60.7550

■ 24.4643, 18.3064,
62.5659

■ 12.4672, 5.0976,
60.6487

■ 29.3829, 24.2772,
63.4592

■ 35.2812, 31.5738,
64.5567

■ 42.2094, 40.2704,
65.8701

■ 50.2146, 50.4355,
67.4103

■ 59.3405, 62.1332,
69.1872

■ 69.6287, 75.4238,
71.2103

■ 81.1185, 90.3642,
73.4885

Harmonies

Analogous

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



10.5815, 10.0088, 80.9854



17.3409, 10.0088, 61.3395



23.2835, 10.0088, 29.7453

Triad

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



17.3409, 10.0088, 61.3395



14.8109, 10.0088, 0.0000



2.2609, 10.0088, 14.1245

Complementary

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



17.3409, 10.0088, 61.3395



42.2051, 55.5103, 12.7650

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.



2.6410, 10.0088, 2.3832



17.3409, 10.0088, 61.3395



8.5191, 10.0088, 0.0000

Square

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



17.3409, 10.0088, 61.3395



21.4612, 10.0088, 0.9674



4.4873, 10.0088, 0.0000



3.1044, 10.0088, 40.8907

Rectangle

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



17.3409, 10.0088, 61.3395



25.0590, 10.0088, 13.5873



4.4873, 10.0088, 0.0000



2.2556, 10.0088, 8.5890

Sweetspot

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



17.3415, 10.0090, 61.3398



66.2606, 63.2353, 103.3211



29.5323, 37.8846, 66.0778



13.4967, 12.6702, 21.9842



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.



17.3415, 10.0090, 61.3398



21.9686, 10.1632, 95.4116



28.4963, 15.7596, 61.8618



11.3829, 11.5307, 14.8694



7.7520, 3.1766, 37.3971



0.4996, 0.2117, 2.0941

Inverse Universe

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



36.0465, 20.0414, 44.6131



53.5992, 27.1986, 63.9454



29.4066, 48.9124, 12.1660



12.2045, 11.9665, 14.3528



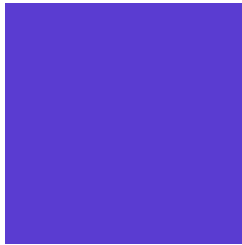
20.5439, 10.0904, 23.5682



1.1752, 0.5748, 1.4575

Previews

White Background



This preview shows how the XYZ color 17.3409, 10.0088, 61.3395 looks on a white 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

Black Background



This preview shows how the XYZ color 17.3409, 10.0088, 61.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

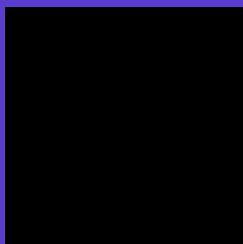
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.3409, 10.0088, 61.3395

Background



This preview shows how black text looks on a background with the XYZ color 17.3409, 10.0088, 61.3395.



This preview shows how white text looks on a background with the XYZ color 17.3409, 10.0088,

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

17.3409, 10.0088, 61.3395

Deuteranopia

9.6575, 9.8487, 32.4023

Tritanopia

7.9482, 10.0182, 14.6115

Trichromacy



Original Color

17.3409, 10.0088, 61.3395

Deuteranomaly

11.2337, 9.1558, 41.7326

Tritanomaly

10.0901, 9.2295, 26.8409

Monochromacy



Original Color

17.3409, 10.0088, 61.3395

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.6811, 8.9727, 22.6417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3409, 10.0088, 61.3395 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(90, 60, 209) looks like.

```
.text, #text, p{  
    color:rgb(90, 60, 209)  
}
```

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(90, 60, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 60, 209) }
```

Border

The CSS property to change the border of an element to XYZ 17.3409, 10.0088, 61.3395 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(90, 60, 209) }
```

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

```
.border{ border-color:rgb(90, 60, 209) }
```

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

Here you see how a box with a 4 pixel rgb(90, 60, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 60, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 60, 209);  
box-shadow:4px 4px 4px 4px rgb(90, 60,  
209) }
```


Background

The CSS property to change the background color of an element to XYZ 17.3409, 10.0088, 61.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 60, 209) }
```

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

```
.background{ background-color: rgb(90, 60,  
209) }
```

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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