

Converting Colors

XYZ(60.4662, 72.9713, 10.8980)

Have a look what the booklet for
XYZ(60.4662, 72.9713, 10.8980)
contains.

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Color

**XYZ(60.6099, 73.2516,
10.9445)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E600
RGB	229, 230, 0
RGB Percent	90%, 90%, 0%
CMY	0.1020, 0.0980, 0.9999
CMYK	0.00, 0.00, 1.00, 0.10
HSL	60°, 100%, 45%
HSV	60°, 100%, 90%
XYZ	60.6099, 73.2516, 10.9445
YIQ	203.4810, 73.2340, -71.7420

Conversions

Conversions Part 2

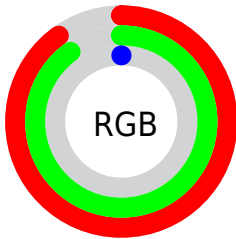
Format	Color
RYB	0, 230, 1
Decimal	15066624
CIELab	88.57, -20.36, 87.30
CIELCh	89, 89.640, 103.126
Yxy	73.2516, 0.4186, 0.5059
Android (android.graphics.Color)	4293256704 (0xFFE5E600)
YUV	203.4810, -100.3161, 22.3802
Hunter-Lab	85.5871, -23.3699, 52.3293

Details

The XYZ color **60.6099, 73.2516, 10.9445** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **14.2972, 5.7209, 75.2182**, and the grayscale version is **57.6512, 60.6536, 66.0518**.

A 20% lighter version of the original color is **78.8883, 93.5353, 23.7938**, and **31.6922, 39.0950, 5.8757** is the 20% darker color. If you saturate the color by 10%, you get **60.6113, 73.2549, 10.9451**, and if you desaturate by 10%, it is **60.7985, 73.3335, 11.7627**.

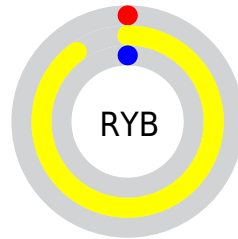
Distribution



Red (90%)

Green (90%)

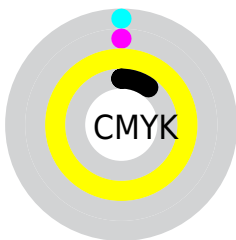
Blue (0%)



Red (0%)

Yellow (90%)

Blue (0%)

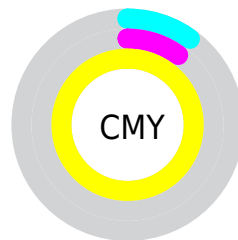


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (10%)



Cyan (10%)


Magenta (10%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6099, 73.2516, 10.9445 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 60.6099, 73.2516, 10.9445 by changing the saturation by 10% instead.


 60.6099, 73.2516,
10.9445

 60.6099, 73.2516,
10.9445

416.6410,
471.8864, 208.0101


 44.1618, 54.1817,
5.9158


 104.8152,
123.8343, 28.1926


 30.9962, 38.7470,
2.7260


 133.3031,
156.1160, 41.2491


 20.7477, 26.5629,
0.9565


 166.5349,
193.5703, 57.8185

 13.0511, 17.2452,
0.0000

 204.8761,
236.5817, 78.3196

 7.5410, 10.4095,
0.0000

 248.6919,
285.5347, 103.1707

 3.8520, 5.6713,
0.0000

 298.3478,

 1.6187, 2.6463,

340.8135, 132.7905

0.0000

354.2090,
402.8026, 167.5975

■ 0.4046, 0.9500,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6099, 73.2516,
10.9445

■ 60.6099, 73.2516,
10.9445

■ 60.6113, 73.2549,
10.9451

■ 60.7985, 73.3335,
11.7627

■ 61.1695, 73.4856,
13.5484

■ 61.7831, 73.7348,
16.6117

■ 62.6734, 74.0946,
21.1317

■ 63.8689, 74.5765,
27.2588

■ 65.3946, 75.1906,
35.1250

■ 67.2731, 75.9457,
44.8485

■ 69.5247, 76.8501,
56.5371

■ 72.1685, 77.9113,
70.2905

Harmonies

Analogous

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



82.3910, 73.2516, 11.4892



60.6099, 73.2516, 10.9445



44.9124, 73.2516, 20.6268

Triad

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



60.6099, 73.2516, 10.9445



43.4930, 73.2516, 191.8580



117.4203, 73.2516, 119.5157

Complementary

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



60.6099, 73.2516, 10.9445



14.2972, 5.7209, 75.2182

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.



102.0558, 73.2516, 201.9085



60.6099, 73.2516, 10.9445



58.2481, 73.2516, 256.3612

Square

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



60.6099, 73.2516, 10.9445



36.4982, 73.2516, 109.9395



79.4891, 73.2516, 260.7734



118.4196, 73.2516, 55.6781

Rectangle

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



60.6099, 73.2516, 10.9445



38.7544, 73.2516, 37.1619



79.4891, 73.2516, 260.7734



113.6392, 73.2516, 146.5285

Sweetspot

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



60.6116, 73.2550, 10.9460



84.9631, 95.9510, 56.4255



32.6356, 16.8248, 1.5283



17.9589, 20.4464, 10.9031



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.



60.6116, 73.2550, 10.9460



76.5904, 92.5688, 13.8308



35.3715, 60.2433, 9.7648



15.5951, 16.8138, 15.3279



34.3156, 41.4718, 6.1962



2.5378, 3.0657, 0.4580

Inverse Universe

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



14.2972, 5.7209, 75.2182



18.0640, 7.2272, 95.0507



21.3569, 9.3604, 75.5486



13.5887, 13.8902, 18.1092



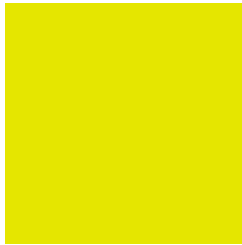
8.0960, 3.2395, 42.5818



0.6003, 0.2405, 3.1467

Previews

White Background



This preview shows how the XYZ color 60.6099, 73.2516, 10.9445 looks on a white background.

Color Contrast Check

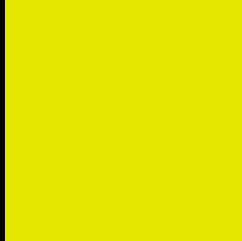
Large Text (above 18pt) WCAG AA × Fail

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 60.6099, 73.2516, 10.9445 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 60.6099, 73.2516, 10.9445

Background



This preview shows how black text looks on a background with the XYZ color 60.6099, 73.2516, 10.9445.



This preview shows how white text looks on a background with the XYZ color 60.6099, 73.2516,

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

60.6099, 73.2516, 10.9445

Protanopia

66.1713, 73.2846, 10.6577

Deuteranopia

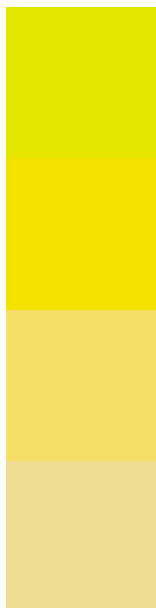
72.0539, 72.8749, 43.0695



Tritanopia

75.7786, 73.0958, 85.7162

Trichromacy



Original Color

60.6099, 73.2516, 10.9445

Protanomaly

64.1585, 73.4474, 10.7953

Deuteranomaly

66.2115, 72.2453, 22.7669

Tritanomaly

66.4563, 71.6437, 37.9298

Monochromacy



Original Color

60.6099, 73.2516, 10.9445

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.9081, 63.1705, 30.0680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6099, 73.2516, 10.9445 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(229, 230, 0)` looks like.

```
.text, #text, p{  
    color:rgb(229, 230, 0)  
}
```

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(229, 230, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 230, 0) }
```

Border

The CSS property to change the border of an element to XYZ 60.6099, 73.2516, 10.9445 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(229, 230, 0) }
```


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

```
.border{ border-color:rgb(229, 230, 0) }
```

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

Here you see how a box with a 4 pixel rgb(229, 230, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 230, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 230, 0);  
box-shadow:4px 4px 4px 4px rgb(229, 230,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6099, 73.2516, 10.9445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 230, 0) }
```

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

```
.background{ background-color: rgb(229,  
230, 0) }
```

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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