

Converting Colors

XYZ(60.0854, 61.2023, 88.0898)

Have a look what the booklet for
XYZ(60.0854, 61.2023, 88.0898)
contains.

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Color

**XYZ(60.0219, 61.2476,
88.0154)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CCEC
RGB	198, 204, 236
RGB Percent	78%, 80%, 93%
CMY	0.2235, 0.2000, 0.0745
CMYK	0.16, 0.14, 0.00, 0.07
HSL	231°, 50%, 85%
HSV	231°, 16%, 93%
XYZ	60.0219, 61.2476, 88.0154
YIQ	205.8540, -13.8480, 8.6800

Conversions

Conversions Part 2

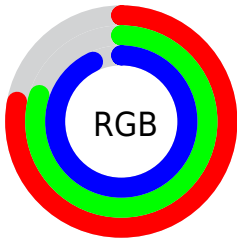
Format	Color
RYB	198, 203, 236
Decimal	13028588
CIELab	82.51, 4.35, -16.46
CIELCh	83, 17.025, 284.807
Yxy	61.2476, 0.2868, 0.2927
Android (android.graphics.Color)	4291218668 (0xFFC6CCEC)
YUV	205.8540, 14.8620, -6.8880
Hunter-Lab	78.2608, -0.0565, -11.8974

Details

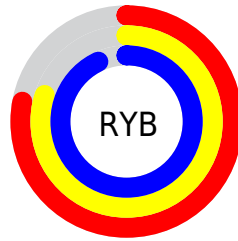
The XYZ color **60.0219, 61.2476, 88.0154** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.0825, 78.5037, 64.7284**, and the grayscale version is **58.4887, 61.5346, 67.0112**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6462, 31.0373, 47.5556** is the 20% darker color. If you saturate the color by 10%, you get **49.8538, 49.4370, 86.2726**, and if you desaturate by 10%, it is **71.7657, 74.7682, 90.0072**.

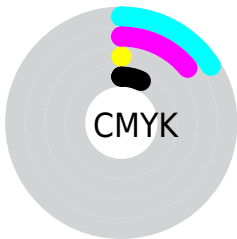
Distribution



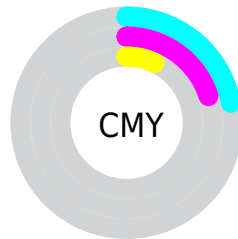
- Red (78%)
- Green (80%)
- Blue (93%)



- Red (78%)
- Yellow (80%)
- Blue (93%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0219, 61.2476, 88.0154 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 60.0219, 61.2476, 88.0154 by changing the saturation by 10% instead.

■ 60.0219, 61.2476,
88.0154

■ 60.0219, 61.2476,
88.0154

414.5119,
429.1813, 541.9563

■ 43.6858, 44.4250,
65.7714

103.9676,
106.6374, 146.4899

■ 30.6204, 31.0048,
47.6316

132.3079,
135.9733, 183.5575

■ 20.4604, 20.6025,
33.1773

165.3804,
170.2492, 226.4035

■ 12.8404, 12.8337,
21.9901

203.5503,
209.8494, 275.4462

■ 7.3949, 7.3142,
13.6514

247.1831,
255.1583, 331.1043

■ 3.7588, 3.6593,
7.7426

296.6440,

■ 1.5666, 1.4849,

306.5603, 393.7963

3.8453

352.2985,
364.4399, 463.9408

■ 0.3705, 0.2781,
1.5409

■ 0.0000, 0.0000,
0.2481

■ 60.0219, 61.2476,
88.0154

■ 60.0219, 61.2476,
88.0154

■ 49.8538, 49.4370,
86.2726

■ 71.7657, 74.7682,
90.0072

■ 41.1883, 39.2605,
84.7651

■ 85.1428, 90.0557,
92.2529

■ 33.9550, 30.6477,
83.4839

■ 92.1405, 98.8362,
93.5789

■ 28.0756, 23.5201,
82.4180

■ 23.4641, 17.7922,
81.5554

■ 20.0243, 13.3694,
80.8831

■ 17.6458, 10.1451,
80.3861

■ 16.1950, 7.9943,
80.0474

■ 15.8107, 7.3966,
79.9523

Harmonies

Analogous

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



56.3982, 61.2476, 87.9733



60.0219, 61.2476, 88.0154



63.2893, 61.2476, 81.9518

Triad

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



60.0219, 61.2476, 88.0154



63.3246, 61.2476, 53.5308



51.7147, 61.2476, 61.5696

Complementary

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



60.0219, 61.2476, 88.0154



73.0825, 78.5037, 64.7284

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.



53.4176, 61.2476, 53.4483



60.0219, 61.2476, 88.0154



60.0684, 61.2476, 49.1472

Square

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



60.0219, 61.2476, 88.0154



65.2494, 61.2476, 61.6934



56.4428, 61.2476, 49.1187



51.7034, 61.2476, 71.9456

Rectangle

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



60.0219, 61.2476, 88.0154



64.7828, 61.2476, 75.5938



56.4428, 61.2476, 49.1187



52.1050, 61.2476, 58.5111

Sweetspot

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



60.0238, 61.2501, 88.0168



87.1840, 91.0018, 107.5778



67.5215, 77.6923, 86.0562



18.4328, 19.2167, 22.9876



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.



60.0238, 61.2501, 88.0168



67.7545, 68.6165, 104.2810



62.1043, 60.2455, 87.7132



14.4233, 14.9331, 19.0444



8.7752, 4.1974, 44.0906



0.7471, 0.4457, 3.4815

Inverse Universe

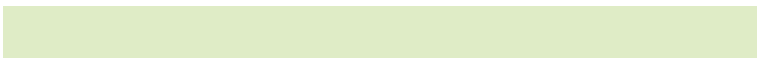
The Inverse Universe completely reimagines the original color for something new.



65.6868, 62.5822, 65.7470



75.6075, 70.5333, 73.3835



70.7239, 79.8103, 65.1049



15.1625, 15.0928, 16.1409



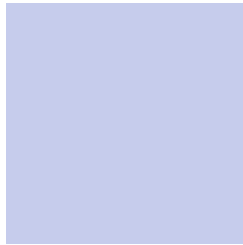
19.2846, 9.9165, 2.0341



1.5436, 0.7904, 0.3141

Previews

White Background



This preview shows how the XYZ color 60.0219, 61.2476, 88.0154 looks on a white background.

Color Contrast Check

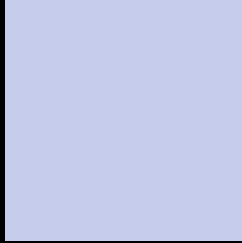
Large Text (above 18pt) WCAG AA × Fail

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 60.0219, 61.2476, 88.0154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

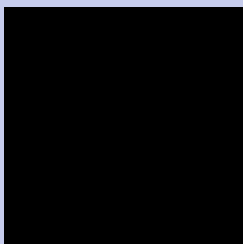
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0219, 61.2476, 88.0154

Background



This preview shows how black text looks on a background with the XYZ color 60.0219, 61.2476, 88.0154.



This preview shows how white text looks on a background with the XYZ color 60.0219, 61.2476,

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

60.0219, 61.2476, 88.0154

Protanopia

60.5526, 61.5212, 88.0402

Deuteranopia

62.5187, 61.1246, 88.6239



Tritanopia

58.1555, 61.2061, 78.5609

Trichromacy



Original Color

60.0219, 61.2476, 88.0154

Protanomaly

60.2864, 61.3840, 88.0277

Deuteranomaly

61.6263, 61.0095, 88.6487

Tritanomaly

58.8609, 61.1344, 82.0966

Monochromacy



Original Color

60.0219, 61.2476, 88.0154

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.9843, 61.3689, 74.3822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0219, 61.2476, 88.0154 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(198, 204, 236)` looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 236)  
}
```

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(198, 204, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 236) }
```

Border

The CSS property to change the border of an element to XYZ 60.0219, 61.2476, 88.0154 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(198, 204, 236) }
```


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

```
.border{ border-color:rgb(198, 204, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 204, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 204, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 204, 236);  
box-shadow:4px 4px 4px 4px rgb(198, 204,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0219, 61.2476, 88.0154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 204, 236) }
```

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

```
.background{ background-color: rgb(198,  
204, 236) }
```

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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