

Converting Colors

XYZ(60.3643, 63.4414, 87.2843)

Have a look what the booklet for
XYZ(60.3643, 63.4414, 87.2843)
contains.

XYZ(60.5477, 63.6934, 87.7001)	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(60.5477, 63.6934,
87.7001)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D2EB
RGB	195, 210, 235
RGB Percent	76%, 82%, 92%
CMY	0.2353, 0.1765, 0.0784
CMYK	0.17, 0.11, 0.00, 0.08
HSL	217°, 50%, 84%
HSV	217°, 17%, 92%
XYZ	60.5477, 63.6934, 87.7001
YIQ	208.3650, -16.9650, 4.5950

Conversions

Conversions Part 2

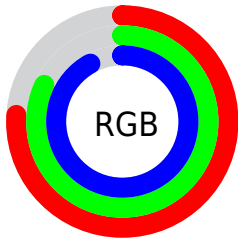
Format	Color
RYB	195, 206, 235
Decimal	12833515
CIELab	83.81, 0.02, -14.01
CIElCh	84, 14.005, 270.088
Yxy	63.6934, 0.2857, 0.3005
Android (android.graphics.Color)	4291023595 (0xFFC3D2EB)
YUV	208.3650, 13.1311, -11.7211
Hunter-Lab	79.8081, -4.2424, -9.2873

Details

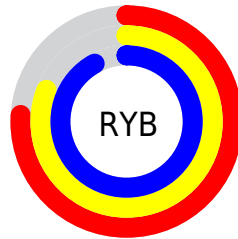
The XYZ color **60.5477, 63.6934, 87.7001** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7051, 72.7889, 62.0071**, and the grayscale version is **60.1179, 63.2487, 68.8778**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **31.0097, 32.6943, 47.3241** is the 20% darker color. If you saturate the color by 10%, you get **51.4863, 53.8856, 86.2856**, and if you desaturate by 10%, it is **70.9013, 74.6646, 89.2731**.

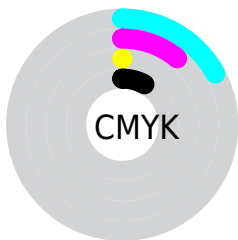
Distribution



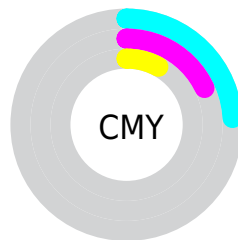
- Red (76%)
- Green (82%)
- Blue (92%)



- Red (76%)
- Yellow (81%)
- Blue (92%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (8%)



- Cyan (24%)
- Magenta (18%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5477, 63.6934, 87.7001 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 60.5477, 63.6934, 87.7001 by changing the saturation by 10% instead.

■ 60.5477, 63.6934,
87.7001

■ 60.5477, 63.6934,
87.7001

416.4161,
438.0816, 540.8965

■ 44.1114, 46.4024,
65.5118

■ 104.7256,
110.1693, 146.0470

■ 30.9564, 32.5635,
47.4222

133.1979,
140.1229, 183.0427

■ 20.7173, 21.7923,
33.0128

166.4129,
175.0662, 225.8113

■ 13.0288, 13.7043,
21.8651

204.7360,
215.3836, 274.7713

■ 7.5255, 7.9153,
13.5604

248.5325,
261.4594, 330.3413

■ 3.8421, 4.0408,
7.6803

298.1678,

■ 1.6132, 1.6964,

313.6781, 392.9398

3.8063

354.0072,
372.4240, 462.9853

■ 0.4010, 0.4213,
1.5197

■ 0.0000, 0.0000,
0.2325

■ 60.5477, 63.6934,
87.7001

■ 60.5477, 63.6934,
87.7001

■ 51.4863, 53.8856,
86.2856

■ 70.9013, 74.6646,
89.2731

■ 43.6579, 45.1925,
85.0203

■ 82.5915, 86.8300,
91.0051

■ 37.0068, 37.5734,
83.9002

■ 91.6975, 98.1820,
92.7163

■ 31.4710, 30.9818,
82.9197

■ 91.9956, 98.7782,
92.8157

■ 26.9819, 25.3671,
82.0725

■ 23.4626, 20.6738,
81.3521

■ 20.8244, 16.8391,
80.7510

■ 18.9551, 13.7871,
80.2604

■ 18.4967, 13.0004,
80.1327

Harmonies

Analogous

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



57.6378, 63.6934, 85.0887



60.5477, 63.6934, 87.7001



63.5514, 63.6934, 85.0590

Triad

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



60.5477, 63.6934, 87.7001



65.8001, 63.6934, 61.2039



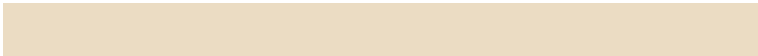
55.5569, 63.6934, 61.2452

Complementary

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



60.5477, 63.6934, 87.7001



69.7051, 72.7889, 62.0071

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.



57.6227, 63.6934, 55.7072



60.5477, 63.6934, 87.7001



63.5353, 63.6934, 55.6848

Square

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



60.5477, 63.6934, 87.7001



66.6458, 63.6934, 69.3254



60.5296, 63.6934, 53.7588



54.8165, 63.6934, 69.3772

Rectangle

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



60.5477, 63.6934, 87.7001



65.1880, 63.6934, 80.7932



60.5296, 63.6934, 53.7588



56.1158, 63.6934, 59.0441

Sweetspot

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



60.5496, 63.6960, 87.7015



88.0244, 92.6826, 107.8579



65.0895, 76.1696, 78.7518



18.6366, 19.6241, 23.0555



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.



60.5496, 63.6960, 87.7015



69.3737, 72.9010, 105.0227



58.2424, 57.2635, 86.5815



14.6941, 15.4746, 19.1347



10.4069, 7.4608, 44.6345



0.9070, 0.7654, 3.5348

Inverse Universe

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



65.4105, 61.3472, 69.3693



76.1694, 69.7803, 79.3568



72.3000, 80.2361, 63.3078



15.2991, 15.1475, 16.8605



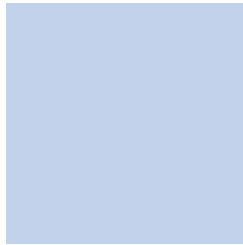
20.1082, 10.2460, 6.3713



1.6243, 0.8227, 0.7389

Previews

White Background



This preview shows how the XYZ color 60.5477, 63.6934, 87.7001 looks on a white background.

Color Contrast Check

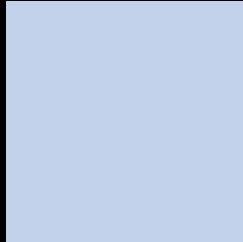
Large Text (above 18pt) WCAG AA × Fail

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 60.5477, 63.6934, 87.7001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

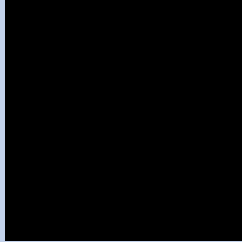
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

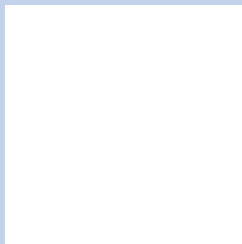
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5477, 63.6934, 87.7001

Background



This preview shows how black text looks on a background with the XYZ color 60.5477, 63.6934, 87.7001.



This preview shows how white text looks on a background with the XYZ color 60.5477, 63.6934,

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

60.5477, 63.6934, 87.7001

Protanopia

62.1976, 63.4880, 86.0670

Deuteranopia

64.8152, 63.3669, 88.1718



Tritanopia

59.5460, 63.6593, 82.5479

Trichromacy



Original Color

60.5477, 63.6934, 87.7001

Protanomaly

61.4946, 63.4698, 86.8517

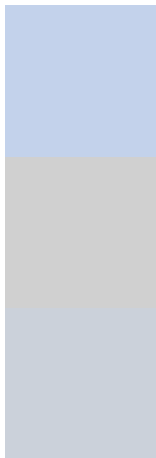
Deuteranomaly

63.2241, 63.6086, 88.3023

Tritanomaly

59.9662, 63.8274, 84.7607

Monochromacy



Original Color

60.5477, 63.6934, 87.7001

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.0840, 63.3594, 75.3925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5477, 63.6934, 87.7001 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(195, 210, 235)` looks like.

```
.text, #text, p{  
    color:rgb(195, 210, 235)  
}
```

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(195, 210, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 210, 235) }
```

Border

The CSS property to change the border of an element to XYZ 60.5477, 63.6934, 87.7001 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(195, 210, 235) }
```


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

```
.border{ border-color:rgb(195, 210, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 210, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 210, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 210, 235); box-shadow:4px 4px 4px 4px rgb(195, 210, 235) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5477, 63.6934, 87.7001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 210, 235) }
```

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

```
.background{ background-color: rgb(195,  
210, 235) }
```

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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