

Converting Colors

XYZ(60.6267, 61.9633, 85.8555)

Have a look what the booklet for
XYZ(60.6267, 61.9633, 85.8555)
contains.

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Color

**XYZ(60.6267, 61.9633,
85.8555)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CDE9
RGB	201, 205, 233
RGB Percent	79%, 80%, 91%
CMY	0.2118, 0.1961, 0.0863
CMYK	0.14, 0.12, 0.00, 0.09
HSL	232°, 42%, 85%
HSV	232°, 14%, 91%
XYZ	60.6267, 61.9633, 85.8555
YIQ	206.9960, -11.3720, 7.8600

Conversions

Conversions Part 2

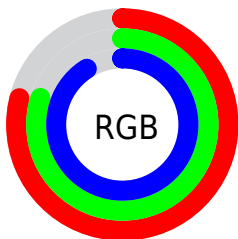
Format	Color
R _Y B	201, 205, 233
Decimal	13225449
CIE Lab	82.89, 4.14, -14.26
CIE LCh	83, 14.852, 286.183
Yxy	61.9633, 0.2909, 0.2973
Android (android.graphics.Color)	4291415529 (0xFFC9CDE9)
YUV	206.9960, 12.8200, -5.2585
Hunter-Lab	78.7168, -0.2758, -9.5652

Details

The XYZ color **60.6267, 61.9633, 85.8555** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.1666, 77.5791, 66.4304**, and the grayscale version is **59.2324, 62.3171, 67.8633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0350, 31.5106, 46.0414** is the 20% darker color. If you saturate the color by 10%, you get **50.2693, 49.8516, 84.0646**, and if you desaturate by 10%, it is **72.5733, 75.8407, 87.9054**.

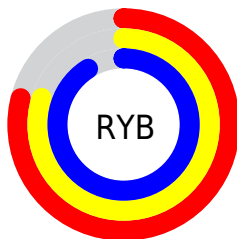
Distribution



Red (79%)

Green (80%)

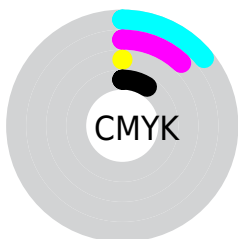
Blue (91%)



Red (79%)

Yellow (80%)

Blue (91%)

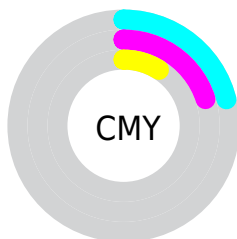


Cyan (14%)

Magenta (12%)

Yellow (0%)

Black (9%)



Cyan (21%)

Magenta (20%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6267, 61.9633, 85.8555 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 60.6267, 61.9633, 85.8555 by changing the saturation by 10% instead.

■ 60.6267, 61.9633,
85.8555

■ 60.6267, 61.9633,
85.8555

416.7017,
431.7972, 534.6729

■ 44.1754, 45.0030,
63.9943

104.8394,
107.6725, 143.4526

■ 31.0069, 31.4598,
46.1999

133.3315,
137.1902, 180.0255

■ 20.7560, 20.9492,
32.0538

166.5679,
171.6625, 222.3395

■ 13.0572, 13.0869,
21.1374

204.9139,
211.4739, 270.8129

■ 7.5452, 7.4884,
13.0323

248.7350,
257.0086, 325.8644

■ 3.8547, 3.7694,
7.3198

298.3964,

■ 1.6203, 1.5454,

308.6512, 387.9126

3.5814

354.2635,
366.7859, 457.3759

■ 0.4056, 0.3204,
1.3986

■ 0.0000, 0.0000,
0.1407

■ 60.6267, 61.9633,
85.8555

■ 60.6267, 61.9633,
85.8555

■ 50.2693, 49.8516,
84.0646

■ 72.5733, 75.8407,
87.9054

■ 41.4284, 39.4271,
82.5184

■ 86.1666, 91.5427,
90.2198

■ 34.0341, 30.6168,
81.2076

■ 91.7082, 98.6633,
91.3021

■ 28.0087, 23.3395,
80.1205

■ 23.2671, 17.5067,
79.2446

■ 19.7146, 13.0208,
78.5659

■ 17.2430, 9.7717,
78.0691

■ 15.7238, 7.6316,
77.7360

■ 15.1510, 6.7690,
77.5997

Harmonies

Analogous

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



57.4362, 61.9633, 86.0769



60.6267, 61.9633, 85.8555



63.4488, 61.9633, 80.4252

Triad

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



60.6267, 61.9633, 85.8555



63.2601, 61.9633, 55.5289



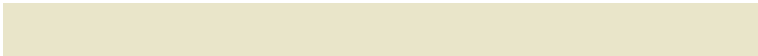
53.1163, 61.9633, 63.3439

Complementary

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



60.6267, 61.9633, 85.8555



72.1666, 77.5791, 66.4304

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.



54.5630, 61.9633, 55.9822



60.6267, 61.9633, 85.8555



60.3768, 61.9633, 51.7544

Square

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



60.6267, 61.9633, 85.8555



65.0065, 61.9633, 62.6721



57.1951, 61.9633, 51.9124



53.1777, 61.9633, 72.5015

Rectangle

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



60.6267, 61.9633, 85.8555



64.7075, 61.9633, 74.8405



57.1951, 61.9633, 51.9124



53.4400, 61.9633, 60.5954

Sweetspot

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



60.6286, 61.9659, 85.8569



88.6153, 92.5541, 107.8020



67.3331, 76.3387, 85.1207



18.7161, 19.5194, 23.0311



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.



60.6286, 61.9659, 85.8569



71.2506, 72.3675, 104.8208



62.9592, 61.7642, 85.6951



14.3830, 14.8524, 19.0310



8.6450, 3.9370, 44.0472



0.7280, 0.4075, 3.4752

Inverse Universe

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



65.5119, 63.5062, 66.5655



78.1633, 74.5849, 77.5038



69.5827, 77.9100, 66.6305



15.1421, 15.0847, 16.0337



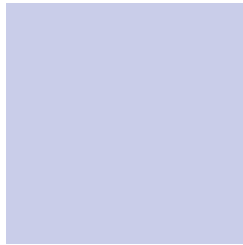
19.2189, 9.8902, 1.6881



1.5340, 0.7866, 0.2633

Previews

White Background



This preview shows how the XYZ color 60.6267, 61.9633, 85.8555 looks on a white background.

Color Contrast Check

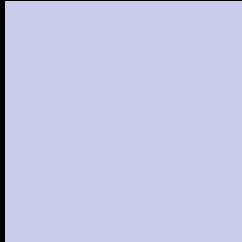
Large Text (above 18pt) WCAG AA × Fail

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 60.6267, 61.9633, 85.8555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

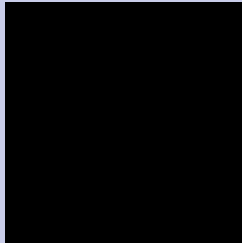
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6267, 61.9633, 85.8555

Background



This preview shows how black text looks on a background with the XYZ color 60.6267, 61.9633, 85.8555.



This preview shows how white text looks on a background with the XYZ color 60.6267, 61.9633,

85.8555.

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

60.6267, 61.9633, 85.8555

Protanopia

60.8964, 62.1024, 85.8682

Deuteranopia

63.1785, 61.8599, 86.4522



Tritanopia

59.1853, 62.0955, 78.6783

Trichromacy



Original Color

60.6267, 61.9633, 85.8555

Protanomaly

60.8964, 62.1024, 85.8682

Deuteranomaly

62.2663, 61.7369, 86.4765

Tritanomaly

59.7559, 61.9680, 81.4846

Monochromacy



Original Color

60.6267, 61.9633, 85.8555

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6428, 62.0796, 73.8048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6267, 61.9633, 85.8555 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(201, 205, 233) looks like.

```
.text, #text, p{  
    color:rgb(201, 205, 233)  
}
```

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(201, 205, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 205, 233) }
```

Border

The CSS property to change the border of an element to XYZ 60.6267, 61.9633, 85.8555 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(201, 205, 233) }
```


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

```
.border{ border-color:rgb(201, 205, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 205, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 205, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 205, 233);  
box-shadow:4px 4px 4px 4px rgb(201, 205,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6267, 61.9633, 85.8555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 205, 233) }
```

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

```
.background{ background-color: rgb(201,  
205, 233) }
```

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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