

Converting Colors

XYZ(60.5793, 56.3519, 86.2817)

Have a look what the booklet for
XYZ(60.5793, 56.3519, 86.2817)
contains.

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Color

**XYZ(60.6336, 56.5395,
86.3147)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BDEB
RGB	213, 189, 235
RGB Percent	84%, 74%, 92%
CMY	0.1647, 0.2588, 0.0784
CMYK	0.09, 0.20, 0.00, 0.08
HSL	271°, 53%, 83%
HSV	271°, 20%, 92%
XYZ	60.6336, 56.5395, 86.3147
YIQ	201.4200, -0.4620, 19.3940

Conversions

Conversions Part 2

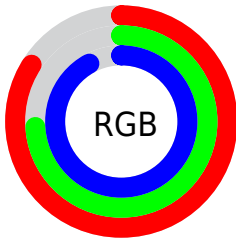
Format	Color
R _Y B	213, 189, 235
Decimal	14007787
CIE Lab	79.92, 16.97, -19.72
CIE LCh	80, 26.020, 310.721
Yxy	56.5395, 0.2980, 0.2779
Android (android.graphics.Color)	4292197867 (0xFFD5BDEB)
YUV	201.4200, 16.5549, 10.1557
Hunter-Lab	75.1928, 12.3507, -15.4248

Details

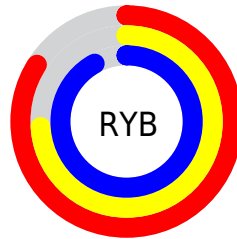
The XYZ color **60.6336, 56.5395, 86.3147** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.7595, 76.9410, 59.5320**, and the grayscale version is **55.6801, 58.5798, 63.7934**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **31.0414, 28.1321, 46.4418** is the 20% darker color. If you saturate the color by 10%, you get **52.8348, 45.6143, 84.6179**, and if you desaturate by 10%, it is **69.4809, 69.2239, 88.2976**.

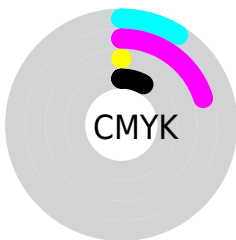
Distribution



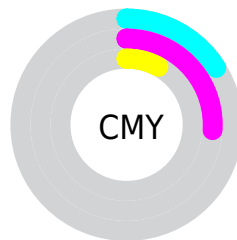
- Red (84%)
- Green (74%)
- Blue (92%)



- Red (84%)
- Yellow (74%)
- Blue (92%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)





- Cyan (16%)
- Magenta (26%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6336, 56.5395, 86.3147 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 60.6336, 56.5395, 86.3147 by changing the saturation by 10% instead.


 60.6336, 56.5395,
86.3147

 60.6336, 56.5395,
86.3147


416.7267,
411.7215, 536.2259

 44.1809, 40.6356,
64.3718

 104.8494, 99.7929,
144.0990

 31.0113, 28.0345,
46.5038


133.3432,
127.9113, 180.7775

 20.7593, 18.3517,
32.2920

166.5814,
160.8700, 223.2050

 13.0597, 11.2028,
21.3180

204.9295,
199.0533, 271.8000

 7.5469, 6.2034,
13.1631

248.7527,
242.8458, 326.9811

 3.8558, 2.9691,
7.4089

298.4164,

 1.6209, 1.1156,

292.6317, 389.1667

3.6368

354.2859,
348.7955, 458.7755

■ 0.4060, 0.0000,
1.4283

■ 0.0000, 0.0000,
0.1636

■ 60.6336, 56.5395,
86.3147

■ 60.6336, 56.5395,
86.3147

■ 52.8348, 45.6143,
84.6179

■ 69.4809, 69.2239,
88.2976

■ 46.0353, 36.3602,
83.1900

■ 79.4125, 83.7362,
90.5753

■ 40.1895, 28.6917,
82.0179

■ 89.0149, 97.2416,
92.6760

■ 35.2460, 22.5131,
81.0859

■ 91.9956, 98.7782,
92.8155

■ 31.1475, 17.7175,
80.3763

■ 27.8295, 14.1836,
79.8690

■ 25.2161, 11.7676,
79.5404

■ 23.1871, 10.2373,
79.3520

■ 23.1076, 10.1801,
79.3452

Harmonies

Analogous

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



55.6487, 56.5395, 94.7530



60.6336, 56.5395, 86.3147



63.8963, 56.5395, 71.6627

Triad

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



60.6336, 56.5395, 86.3147



57.1591, 56.5395, 38.0057



44.3739, 56.5395, 67.1272

Complementary

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



60.6336, 56.5395, 86.3147



65.7595, 76.9410, 59.5320

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.



44.7197, 56.5395, 52.4579



60.6336, 56.5395, 86.3147



51.8737, 56.5395, 37.1978

Square

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



60.6336, 56.5395, 86.3147



61.8013, 56.5395, 44.4846



47.3881, 56.5395, 42.0611



46.4104, 56.5395, 82.5306

Rectangle

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



60.6336, 56.5395, 86.3147



64.5361, 56.5395, 61.1969



47.3881, 56.5395, 42.0611



44.2189, 56.5395, 61.9283

Sweetspot

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



60.6353, 56.5419, 86.3159



87.7207, 89.2621, 107.2137



59.3360, 63.5237, 87.7321



18.6113, 18.8661, 22.9106



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.



60.6353, 56.5419, 86.3159



69.5315, 63.1806, 103.1381



67.3449, 60.0136, 86.0530



14.9811, 14.9355, 19.0155



13.0088, 5.7422, 44.1657



1.1325, 0.5081, 3.4733

Inverse Universe

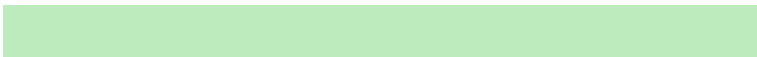
The Inverse Universe completely reimagines the original color for something new.



64.2183, 58.7629, 69.5881



74.5680, 66.3015, 79.6737



59.9654, 73.9444, 59.6964



15.3655, 15.1741, 17.2100



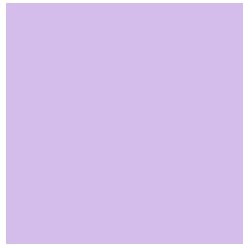
20.7715, 10.5113, 9.8638



1.6794, 0.8447, 1.0292

Previews

White Background



This preview shows how the XYZ color 60.6336, 56.5395, 86.3147 looks on a white background.

Color Contrast Check

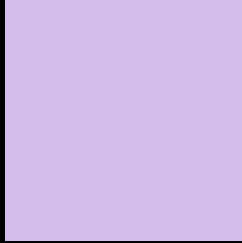
Large Text (above 18pt) WCAG AA × Fail

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 60.6336, 56.5395, 86.3147 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 60.6336, 56.5395, 86.3147

Background



This preview shows how black text looks on a background with the XYZ color 60.6336, 56.5395, 86.3147.



This preview shows how white text looks on a background with the XYZ color 60.6336, 56.5395,

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

60.6336, 56.5395, 86.3147

Protanopia

56.4544, 56.5899, 90.3856

Deuteranopia

57.9625, 56.8034, 85.7511



Tritanopia

57.0949, 56.7423, 68.2647

Trichromacy



Original Color

60.6336, 56.5395, 86.3147

Protanomaly

57.7913, 56.3187, 88.7136

Deuteranomaly

58.8778, 56.6189, 85.6673

Tritanomaly

58.0829, 56.4629, 74.1668

Monochromacy



Original Color

60.6336, 56.5395, 86.3147

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.1533, 57.7157, 71.0787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6336, 56.5395, 86.3147 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(213, 189, 235)` looks like.

```
.text, #text, p{  
    color:rgb(213, 189, 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(213, 189, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 189, 235) }
```

Border

The CSS property to change the border of an element to XYZ 60.6336, 56.5395, 86.3147 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(213, 189, 235) }
```


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

```
.border{ border-color:rgb(213, 189, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 189, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 189, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 189, 235);  
box-shadow:4px 4px 4px 4px rgb(213, 189,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6336, 56.5395, 86.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 189, 235) }
```

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

```
.background{ background-color: rgb(213,  
189, 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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