

Converting Colors

XYZ(56.1096, 51.6329, 91.0358)

Have a look what the booklet for
XYZ(56.1096, 51.6329, 91.0358)
contains.

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Color

**XYZ(56.1041, 51.6007,
91.0073)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B5F2
RGB	199, 181, 242
RGB Percent	78%, 71%, 95%
CMY	0.2196, 0.2902, 0.0510
CMYK	0.18, 0.25, 0.00, 0.05
HSL	258°, 70%, 83%
HSV	258°, 25%, 95%
XYZ	56.1041, 51.6007, 91.0073
YIQ	193.3360, -8.8530, 22.7870

Conversions

Conversions Part 2

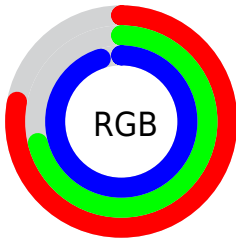
Format	Color
R _Y B	199, 181, 242
Decimal	13088242
CIE Lab	77.04, 18.39, -27.98
CIE LCh	77, 33.478, 303.310
Yxy	51.6007, 0.2823, 0.2597
Android (android.graphics.Color)	4291278322 (0xFFC7B5F2)
YUV	193.3360, 23.9914, 4.9673
Hunter-Lab	71.8336, 13.7047, -24.8320

Details

The XYZ color **56.1041, 51.6007, 91.0073** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.8347, 82.6890, 55.9455**, and the grayscale version is **50.7546, 53.3978, 58.1502**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **28.0837, 24.9128, 49.7829** is the 20% darker color. If you saturate the color by 10%, you get **47.3290, 40.3968, 89.3081**, and if you desaturate by 10%, it is **66.2446, 64.7797, 93.0175**.

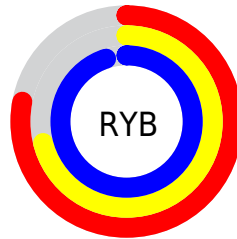
Distribution



Red (78%)

Green (71%)

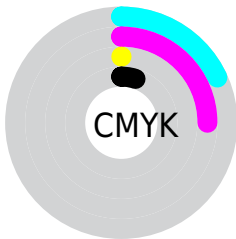
Blue (95%)



Red (78%)

Yellow (71%)

Blue (95%)

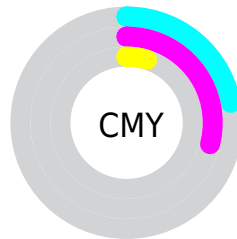


Cyan (18%)

Magenta (25%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (29%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1041, 51.6007, 91.0073 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 56.1041, 51.6007, 91.0073 by changing the saturation by 10% instead.

■ 56.1041, 51.6007,
91.0073

■ 56.1041, 51.6007,
91.0073

400.1524,
392.8931, 551.9566

■ 40.5237, 36.6869,
68.2380

■ 98.2957, 92.5421,
150.6845

■ 28.1331, 24.9652,
49.6235

125.6376,
119.3385, 188.4295

■ 18.5670, 16.0511,
34.7452

157.6308,
150.8645, 232.0034

■ 11.4600, 9.5603,
23.1847

194.6405,
187.5046, 281.8249

■ 6.4467, 5.1084,
14.5234

237.0322,
229.6431, 338.3124

■ 3.1618, 2.3110,
8.3427

285.1711,

■ 1.2399, 0.7795,

277.6644, 401.8845

4.2241

339.4227,
331.9530, 472.9597

■ 0.1375, 0.0000,
1.7491

■ 0.0000, 0.0000,
0.3940

■ 56.1041, 51.6007,
91.0073

■ 56.1041, 51.6007,
91.0073

■ 47.3290, 40.3968,
89.3081

■ 66.2446, 64.7797,
93.0175

■ 39.8535, 31.0646,
87.9008

■ 77.8024, 80.0177,
95.3495

■ 33.6134, 23.5009,
86.7697

■ 90.8328, 97.4012,
98.0181

■ 28.5370, 17.5898,
85.8963

■ 93.0272, 99.1909,
98.2479

■ 24.5444, 13.2007,
85.2596

■ 21.5443, 10.1828,
84.8352

■ 19.4274, 8.3518,
84.5933

■ 18.6557, 7.7659,
84.5209

Harmonies

Analogous

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



49.7575, 51.6007, 99.1273



56.1041, 51.6007, 91.0073



60.8577, 51.6007, 73.5119

Triad

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



56.1041, 51.6007, 91.0073



54.7713, 51.6007, 30.2518



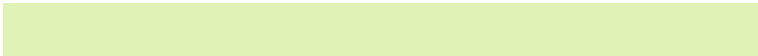
37.7763, 51.6007, 58.2399

Complementary

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



56.1041, 51.6007, 91.0073



70.8347, 82.6890, 55.9455

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.



38.8691, 51.6007, 41.8191



56.1041, 51.6007, 91.0073



48.3392, 51.6007, 27.8751

Square

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



56.1041, 51.6007, 91.0073



60.0425, 51.6007, 38.9960



42.6042, 51.6007, 31.6160



39.4796, 51.6007, 77.8008

Rectangle

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



56.1041, 51.6007, 91.0073



62.2833, 51.6007, 60.3829



42.6042, 51.6007, 31.6160



37.8294, 51.6007, 52.1852

Sweetspot

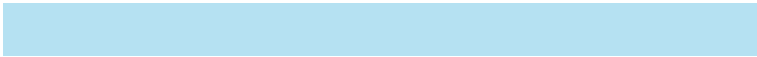
The Sweet Spot groups the original color and five complimentary colors.



56.1058, 51.6028, 91.0085



83.7898, 85.0417, 106.6062



61.9334, 69.9336, 94.2395



17.5067, 17.6374, 22.7316



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.



56.1058, 51.6028, 91.0085



58.1770, 51.6877, 101.5182



64.7965, 56.0830, 91.4152



15.3356, 15.4547, 19.8964



10.1406, 4.2330, 45.4105



0.9395, 0.4016, 3.7822

Inverse Universe

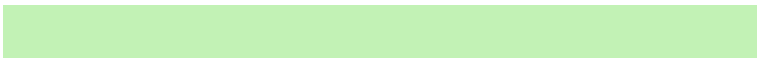
The Inverse Universe completely reimagines the original color for something new.



66.5980, 57.3089, 78.0746



71.8863, 59.1506, 84.2909



62.3981, 78.3397, 55.5507



16.2439, 15.9473, 18.8408



23.6623, 11.7373, 21.9358



2.0118, 0.9938, 2.0531

Previews

White Background



This preview shows how the XYZ color 56.1041, 51.6007, 91.0073 looks on a white background.

Color Contrast Check

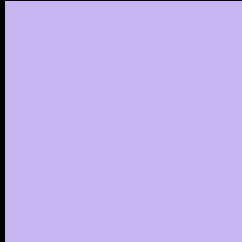
Large Text (above 18pt) WCAG AA × Fail

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 56.1041, 51.6007, 91.0073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

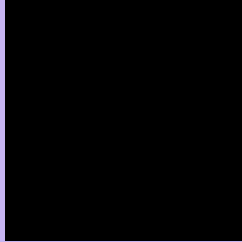
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1041, 51.6007, 91.0073

Background



This preview shows how black text looks on a background with the XYZ color 56.1041, 51.6007, 91.0073.



This preview shows how white text looks on a background with the XYZ color 56.1041, 51.6007,

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

56.1041, 51.6007, 91.0073

Protanopia

52.4509, 51.7958, 95.2288

Deuteranopia

52.9389, 51.8366, 90.4344



Tritanopia

50.5009, 51.4847, 63.7758

Trichromacy



Original Color

56.1041, 51.6007, 91.0073

Protanomaly

53.5976, 51.4808, 93.4981

Deuteranomaly

53.9652, 51.7402, 90.3617

Tritanomaly

52.3790, 51.3098, 72.7887

Monochromacy



Original Color

56.1041, 51.6007, 91.0073

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.4611, 52.7004, 69.0352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1041, 51.6007, 91.0073 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(199, 181, 242)` looks like.

```
.text, #text, p{  
    color:rgb(199, 181, 242)  
}
```

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(199, 181, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 181, 242) }
```

Border

The CSS property to change the border of an element to XYZ 56.1041, 51.6007, 91.0073 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(199, 181, 242) }
```


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

```
.border{ border-color:rgb(199, 181, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 181, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 181, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 181, 242);  
box-shadow:4px 4px 4px 4px rgb(199, 181,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1041, 51.6007, 91.0073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 181, 242) }
```

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

```
.background{ background-color: rgb(199,  
181, 242) }
```

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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