

Converting Colors

XYZ(56.3300, 55.7381, 95.7853)

Have a look what the booklet for
XYZ(56.3300, 55.7381, 95.7853)
contains.

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Color

**XYZ(56.3300, 55.7381,
95.7853)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC2F7
RGB	186, 194, 247
RGB Percent	73%, 76%, 97%
CMY	0.2706, 0.2392, 0.0314
CMYK	0.25, 0.21, 0.00, 0.03
HSL	232°, 79%, 85%
HSV	232°, 25%, 97%
XYZ	56.3300, 55.7381, 95.7853
YIQ	197.6500, -21.7810, 14.7870

Conversions

Conversions Part 2

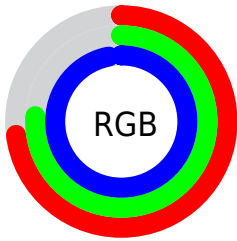
Format	Color
RYB	186, 193, 247
Decimal	12239607
CIELab	79.46, 8.50, -27.04
CIELCh	79, 28.347, 287.456
Yxy	55.7381, 0.2710, 0.2682
Android (android.graphics.Color)	4290429687 (0xFFBAC2F7)
YUV	197.6500, 24.3296, -10.2170
Hunter-Lab	74.6580, 4.0282, -23.8078

Details

The XYZ color **56.3300, 55.7381, 95.7853** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.0879, 85.0527, 58.7572**, and the grayscale version is **53.3322, 56.1097, 61.1034**.

A 20% lighter version of the original color is **89.1978, 94.6459, 108.1750**, and **28.3349, 27.6730, 52.5632** is the 20% darker color. If you saturate the color by 10%, you get **46.4040, 44.0365, 94.0508**, and if you desaturate by 10%, it is **67.9865, 69.3582, 97.8008**.

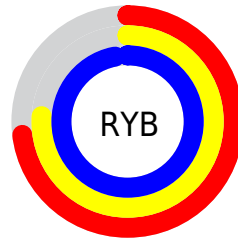
Distribution



Red (73%)

Green (76%)

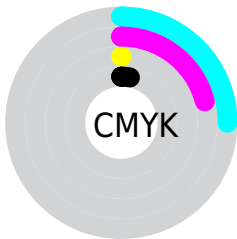
Blue (97%)



Red (73%)

Yellow (76%)

Blue (97%)

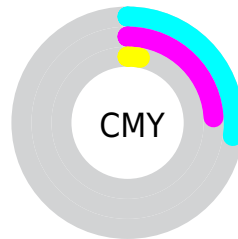


Cyan (25%)

Magenta (21%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (24%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3300, 55.7381, 95.7853 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 56.3300, 55.7381, 95.7853 by changing the saturation by 10% instead.

■ 56.3300, 55.7381,
95.7853

■ 56.3300, 55.7381,
95.7853

400.9888,
408.7038, 567.7244

■ 40.7056, 39.9930,
72.1883

■ 98.6239, 98.6215,
157.3540

■ 28.2758, 27.5331,
52.8247

126.0242,
126.5287, 196.1627

■ 18.6752, 17.9740,
37.2761

158.0804,
159.2586, 240.8791

■ 11.5384, 10.9313,
25.1239

195.1580,
197.1957, 291.9216

■ 6.5002, 6.0207,
15.9495

237.6222,
240.7243, 349.7089

■ 3.1950, 2.8576,
9.3345

285.8386,

■ 1.2577, 1.0579,

290.2290, 414.6594

4.8602

340.1723,
346.0940, 487.1917

■ 0.1512, 0.0000,
2.1082

■ 0.0000, 0.0000,
0.6206

■ 56.3300, 55.7381,
95.7853

■ 56.3300, 55.7381,
95.7853

■ 46.4040, 44.0365,
94.0508

■ 67.9865, 69.3582,
97.8008

■ 38.1203, 34.1605,
92.5811

■ 81.4452, 84.9710,
100.1050

■ 31.3910, 26.0191,
91.3643

■ 93.7887, 99.4955,
102.2580

■ 26.1179, 19.5111,
90.3861

■ 22.1911, 14.5243,
89.6305

■ 19.4850, 10.9323,
89.0798

■ 17.8488, 8.5870,
88.7133

■ 17.3160, 7.7701,
88.5837

Harmonies

Analogous

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



50.6348, 55.7381, 96.7311



56.3300, 55.7381, 95.7853



61.4603, 55.7381, 84.4561

Triad

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



56.3300, 55.7381, 95.7853



60.7307, 55.7381, 40.3947



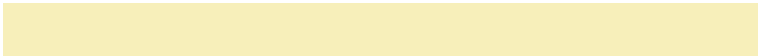
42.9926, 55.7381, 54.1304

Complementary

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



56.3300, 55.7381, 95.7853



78.0879, 85.0527, 58.7572

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.



45.3133, 55.7381, 41.8605



56.3300, 55.7381, 95.7853



55.3912, 55.7381, 34.9386

Square

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



56.3300, 55.7381, 95.7853



64.1234, 55.7381, 51.7610



49.7605, 55.7381, 35.4221



43.2042, 55.7381, 70.5895

Rectangle

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



56.3300, 55.7381, 95.7853



63.7465, 55.7381, 73.5226



49.7605, 55.7381, 35.4221



43.4950, 55.7381, 49.4437

Sweetspot

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



56.3318, 55.7403, 95.7866



84.0357, 87.2715, 107.0237



69.0720, 83.1859, 93.9752



17.7938, 18.4557, 22.8744



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.



56.3318, 55.7403, 95.7866



54.6227, 52.9395, 101.9472



60.4645, 55.2980, 95.4834



15.7564, 16.2770, 20.8539



9.2142, 4.2222, 46.8673



0.8639, 0.4792, 4.1372

Inverse Universe

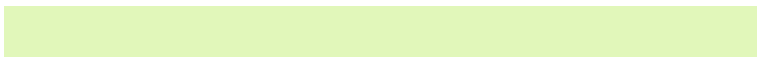
The Inverse Universe completely reimagines the original color for something new.



65.6558, 58.7887, 58.9282



66.3949, 56.9541, 55.3734



73.0621, 86.0165, 59.2081



16.5876, 16.5179, 17.5749



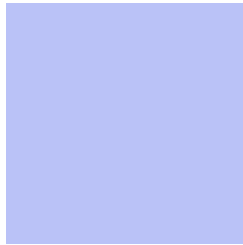
20.4554, 10.5256, 1.8406



1.8251, 0.9360, 0.3054

Previews

White Background



This preview shows how the XYZ color 56.3300, 55.7381, 95.7853 looks on a white background.

Color Contrast Check

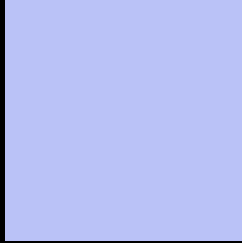
Large Text (above 18pt) WCAG AA × Fail

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 56.3300, 55.7381, 95.7853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

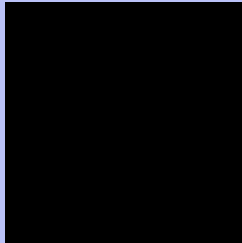
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3300, 55.7381, 95.7853

Background



This preview shows how black text looks on a background with the XYZ color 56.3300, 55.7381, 95.7853.



This preview shows how white text looks on a background with the XYZ color 56.3300, 55.7381,

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

56.3300, 55.7381, 95.7853

Protanopia

56.0708, 55.9360, 95.8372

Deuteranopia

57.0937, 55.8025, 95.7575



Tritanopia

51.8713, 55.9697, 73.0351

Trichromacy



Original Color

56.3300, 55.7381, 95.7853

Protanomaly

56.3112, 56.0599, 95.8484

Deuteranomaly

56.8447, 55.6741, 95.7458

Tritanomaly

53.3506, 55.8793, 80.6470

Monochromacy



Original Color

56.3300, 55.7381, 95.7853

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.6091, 56.3597, 72.9661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3300, 55.7381, 95.7853 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(186, 194, 247)` looks like.

```
.text, #text, p{  
    color:rgb(186, 194, 247)  
}
```

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(186, 194, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 194, 247) }
```

Border

The CSS property to change the border of an element to XYZ 56.3300, 55.7381, 95.7853 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(186, 194, 247) }
```


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

```
.border{ border-color:rgb(186, 194, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 194, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 194, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 194, 247);  
box-shadow:4px 4px 4px 4px rgb(186, 194,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3300, 55.7381, 95.7853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 194, 247) }
```

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

```
.background{ background-color: rgb(186,  
194, 247) }
```

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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