

Converting Colors

XYZ(53.5240, 50.6773, 85.8813)

Have a look what the booklet for
XYZ(53.5240, 50.6773, 85.8813)
contains.

XYZ(53.4616, 50.6605, 85.5580)	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(53.4616, 50.6605,
85.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B6EB
RGB	192, 182, 235
RGB Percent	75%, 71%, 92%
CMY	0.2470, 0.2863, 0.0784
CMYK	0.18, 0.23, 0.00, 0.08
HSL	251°, 57%, 82%
HSV	251°, 23%, 92%
XYZ	53.4616, 50.6605, 85.5580
YIQ	191.0320, -11.0530, 18.6030

Conversions

Conversions Part 2

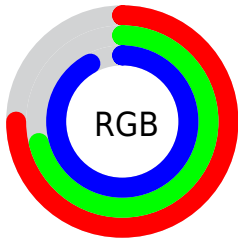
Format	Color
R_{YB}	192, 182, 235
Decimal	12629739
CIE Lab	76.47, 14.14, -25.12
CIE LCh	76, 28.829, 299.383
Yxy	50.6605, 0.2819, 0.2671
Android (android.graphics.Color)	4290819819 (0xFFC0B6EB)
YUV	191.0320, 21.6762, 0.8489
Hunter-Lab	71.1762, 9.5159, -21.4468

Details

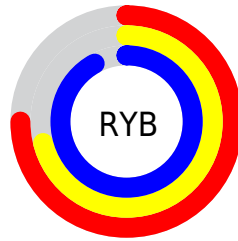
The XYZ color **53.4616, 50.6605, 85.5580** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.2047, 78.8028, 55.8211**, and the grayscale version is **49.4240, 51.9979, 56.6258**.

A 20% lighter version of the original color is **87.6915, 88.5088, 107.0698**, and **26.4682, 24.3585, 45.9545** is the 20% darker color. If you saturate the color by 10%, you get **44.5280, 39.5012, 83.8757**, and if you desaturate by 10%, it is **63.8314, 63.7615, 87.5410**.

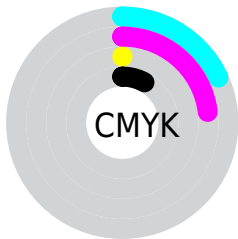
Distribution



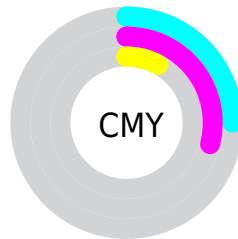
- Red (75%)
- Green (71%)
- Blue (92%)



- Red (75%)
- Yellow (71%)
- Blue (92%)



- Cyan (18%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



- Cyan (25%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4616, 50.6605, 85.5580 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 53.4616, 50.6605, 85.5580 by changing the saturation by 10% instead.

■ 53.4616, 50.6605,
85.5580

■ 53.4616, 50.6605,
85.5580

390.2855,
389.2433, 533.6653

■ 38.4003, 35.9385,
63.7497

■ 94.4448, 91.1527,
143.0336

■ 26.4722, 24.3867,
46.0031

121.0974,
117.6918, 179.5380

■ 17.3117, 15.6207,
31.8996

152.3446,
148.9386, 221.7783

■ 10.5537, 9.2562,
21.0206

188.5516,
185.2776, 270.1728

■ 5.8326, 4.9086,
12.9477

230.0839,
227.0931, 325.1403

■ 2.7833, 2.1938,
7.2622

277.3067,

■ 1.0402, 0.7166,

274.7697, 387.0991

3.5457

330.5855,
328.6916, 456.4680

■ 0.0000, 0.0000,
1.3796

■ 0.0000, 0.0000,
0.1257

■ 53.4616, 50.6605,
85.5580

■ 53.4616, 50.6605,
85.5580

■ 44.5280, 39.5012,
83.8757

■ 63.8314, 63.7615,
87.5410

■ 36.9617, 30.1845,
82.4762

■ 75.6927, 78.8846,
89.8349

■ 30.6951, 22.6119,
81.3448

■ 89.1036, 96.1131,
92.4535

■ 25.6531, 16.6732,
80.4643

■ 91.9956, 98.7782,
92.8155

■ 21.7522, 12.2454,
79.8152

■ 18.8981, 9.1873,
79.3754

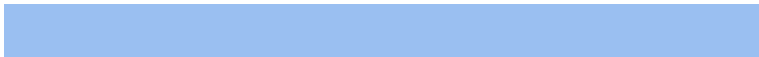
■ 16.9802, 7.3306,
79.1181

■ 16.0488, 6.5412,
79.0148

Harmonies

Analogous

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



48.0388, 50.6605, 90.8176



53.4616, 50.6605, 85.5580



57.7141, 50.6605, 71.8469

Triad

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



53.4616, 50.6605, 85.5580



53.6710, 50.6605, 33.2090



38.4412, 50.6605, 54.8389

Complementary

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



53.4616, 50.6605, 85.5580



69.2047, 78.8028, 55.8211

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.



39.7078, 50.6605, 41.2814



53.4616, 50.6605, 85.5580



48.2640, 50.6605, 30.3238

Square

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



53.4616, 50.6605, 85.5580



57.8412, 50.6605, 41.7434



43.2048, 50.6605, 32.9796



39.6089, 50.6605, 71.1829

Rectangle

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



53.4616, 50.6605, 85.5580



59.1678, 50.6605, 60.8596



43.2048, 50.6605, 32.9796



38.5948, 50.6605, 49.8291

Sweetspot

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



53.4632, 50.6626, 85.5591



84.4888, 86.4913, 106.8492



61.2902, 69.9484, 88.8692



17.8983, 18.2758, 22.8342



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.



53.4632, 50.6626, 85.5591



59.2307, 54.5622, 102.0175



60.7032, 54.3949, 85.8980



14.4964, 14.6856, 18.9928



9.0105, 3.6810, 43.9786



0.7818, 0.3273, 3.4568

Inverse Universe

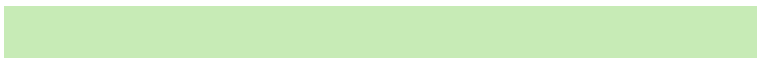
The Inverse Universe completely reimagines the original color for something new.



64.5810, 56.5563, 78.7486



74.8591, 62.8525, 92.1989



61.6491, 74.9078, 55.4675



15.5858, 15.2622, 18.3703



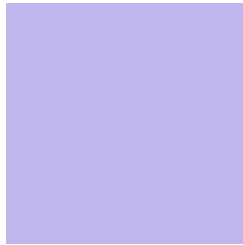
24.3258, 11.9330, 28.5807



1.9416, 0.9496, 2.4097

Previews

White Background



This preview shows how the XYZ color 53.4616, 50.6605, 85.5580 looks on a white background.

Color Contrast Check

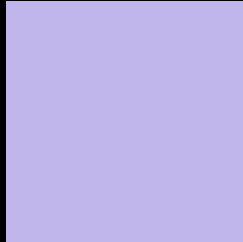
Large Text (above 18pt) WCAG AA × Fail

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 53.4616, 50.6605, 85.5580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

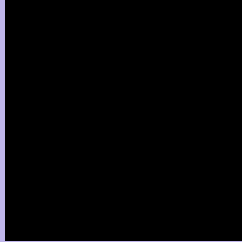
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4616, 50.6605, 85.5580

Background



This preview shows how black text looks on a background with the XYZ color 53.4616, 50.6605, 85.5580.



This preview shows how white text looks on a background with the XYZ color 53.4616, 50.6605,

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

53.4616, 50.6605, 85.5580

Protanopia

51.1074, 50.9438, 88.0284

Deuteranopia

51.9674, 50.8288, 84.9139



Tritanopia

49.0124, 50.7173, 63.7061

Trichromacy



Original Color

53.4616, 50.6605, 85.5580

Protanomaly

51.9264, 50.7574, 87.1811

Deuteranomaly

52.4853, 50.7863, 84.8784

Tritanomaly

50.5637, 50.7155, 71.4141

Monochromacy



Original Color

53.4616, 50.6605, 85.5580

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.7316, 51.5478, 66.3074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4616, 50.6605, 85.5580 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(192, 182, 235)` looks like.

```
.text, #text, p{  
    color:rgb(192, 182, 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(192, 182, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 182, 235) }
```

Border

The CSS property to change the border of an element to XYZ 53.4616, 50.6605, 85.5580 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(192, 182, 235) }
```


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

```
.border{ border-color:rgb(192, 182, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 182, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 182, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 182, 235);  
box-shadow:4px 4px 4px 4px rgb(192, 182,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4616, 50.6605, 85.5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 182, 235) }
```

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

```
.background{ background-color: rgb(192,  
182, 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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