

Converting Colors

XYZ(53.5562, 53.0254, 80.0913)

Have a look what the booklet for
XYZ(53.5562, 53.0254, 80.0913)
contains.

XYZ(53.5486, 53.0176, 80.0842)	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(53.5486, 53.0176,
80.0842)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBDE3
RGB	191, 189, 227
RGB Percent	75%, 74%, 89%
CMY	0.2510, 0.2588, 0.1098
CMYK	0.16, 0.17, 0.00, 0.11
HSL	243°, 40%, 82%
HSV	243°, 17%, 89%
XYZ	53.5486, 53.0176, 80.0842
YIQ	193.9300, -11.0060, 12.2420

Conversions

Conversions Part 2

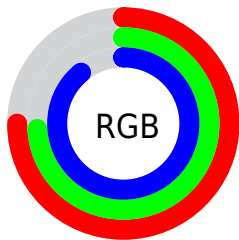
Format	Color
R_{YB}	191, 189, 227
Decimal	12565987
CIE Lab	77.89, 8.28, -18.66
CIE LCh	78, 20.417, 293.926
Yxy	53.0176, 0.2869, 0.2840
Android (android.graphics.Color)	4290756067 (0xFFFBFBDE3)
YUV	193.9300, 16.3035, -2.5696
Hunter-Lab	72.8132, 3.8502, -14.2414

Details

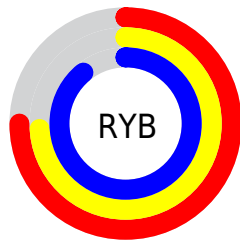
The XYZ color **53.5486, 53.0176, 80.0842** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.7075, 74.6212, 58.9813**, and the grayscale version is **51.1494, 53.8132, 58.6026**.

A 20% lighter version of the original color is **89.4138, 92.4813, 107.7458**, and **26.5671, 25.9052, 42.6297** is the 20% darker color. If you saturate the color by 10%, you get **44.0256, 41.4192, 78.3483**, and if you desaturate by 10%, it is **64.6332, 66.5582, 82.1144**.

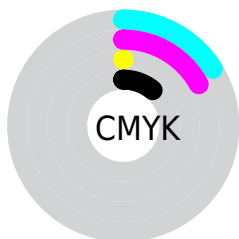
Distribution



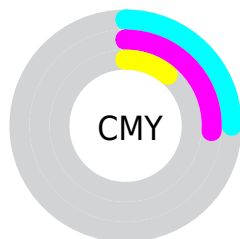
- Red (75%)
- Green (74%)
- Blue (89%)



- Red (75%)
- Yellow (74%)
- Blue (89%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5486, 53.0176, 80.0842 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 53.5486, 53.0176, 80.0842 by changing the saturation by 10% instead.

■ 53.5486, 53.0176,
80.0842

■ 53.5486, 53.0176,
80.0842

390.6128,
398.3526, 514.9308

■ 38.4701, 37.8168,
59.2611

■ 94.5719, 94.6303,
135.2966

■ 26.5266, 25.8405,
42.4019

121.2475,
121.8109, 170.5229

■ 17.3528, 16.7044,
29.0882

152.5195,
153.7537, 211.3874

■ 10.5832, 10.0240,
18.9014

188.7532,
190.8429, 258.3085

■ 5.8525, 5.4148,
11.4230

230.3140,
233.4631, 311.7049

■ 2.7954, 2.4927,
6.2344

277.5674,

■ 1.0465, 0.8730,

281.9985, 371.9950

2.9170

330.8785,
336.8335, 439.5975

■ 0.0000, 0.0000,
1.0524

■ 0.0000, 0.0000,
0.0000

■ 53.5486, 53.0176,
80.0842

■ 53.5486, 53.0176,
80.0842

■ 44.0256, 41.4192,
78.3483

■ 64.6332, 66.5582,
82.1144

■ 35.9895, 31.6678,
76.8896

■ 77.3401, 82.1173,
84.4479

■ 29.3666, 23.6699,
75.6949

■ 90.8653, 98.3261,
86.8637

■ 24.0750, 17.3215,
74.7484

■ 20.0246, 12.5073,
74.0327

■ 17.1138, 9.0974,
73.5279

■ 15.2251, 6.9402,
73.2111

■ 14.2133, 5.8448,
73.0530

■ 14.0160, 5.6238,
73.0207

Harmonies

Analogous

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



49.5889, 53.0176, 82.2863



53.5486, 53.0176, 80.0842



56.8111, 53.0176, 71.5682

Triad

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



53.5486, 53.0176, 80.0842



55.0175, 53.0176, 41.8106



43.1814, 53.0176, 55.4465

Complementary

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



53.5486, 53.0176, 80.0842



67.7075, 74.6212, 58.9813

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.



44.4749, 53.0176, 45.7966



53.5486, 53.0176, 80.0842



51.2030, 53.0176, 38.6166

Square

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



53.5486, 53.0176, 80.0842



57.6898, 53.0176, 49.3138



47.3613, 53.0176, 39.9741



43.7365, 53.0176, 67.0468

Rectangle

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



53.5486, 53.0176, 80.0842



58.0817, 53.0176, 63.9889



47.3613, 53.0176, 39.9741



43.4122, 53.0176, 51.8879

Sweetspot

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



53.5502, 53.0198, 80.0854



86.8113, 89.9137, 107.3874



61.8052, 70.2707, 82.9801



18.3427, 18.9534, 22.9416



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.



53.5502, 53.0198, 80.0854



65.2862, 63.6253, 103.4477



58.6144, 55.6305, 80.3224



13.6526, 13.9231, 18.1122



8.2037, 3.2950, 42.5868



0.6311, 0.2563, 3.1482

Inverse Universe

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



63.4685, 58.1645, 79.1182



80.4540, 71.4942, 101.9194



62.1374, 71.7497, 58.7206



14.9607, 14.6015, 17.9932



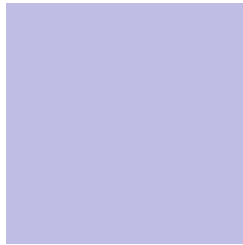
25.6471, 12.3931, 38.6324



1.9053, 0.9198, 2.9080

Previews

White Background



This preview shows how the XYZ color 53.5486, 53.0176, 80.0842 looks on a white background.

Color Contrast Check

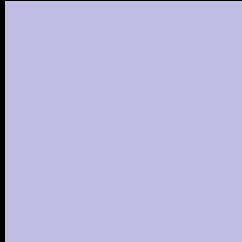
Large Text (above 18pt) WCAG AA × Fail

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 53.5486, 53.0176, 80.0842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

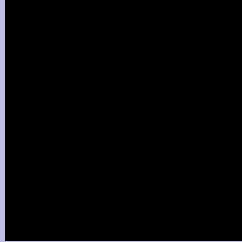
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5486, 53.0176, 80.0842

Background



This preview shows how black text looks on a background with the XYZ color 53.5486, 53.0176, 80.0842.



This preview shows how white text looks on a background with the XYZ color 53.5486, 53.0176,

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

53.5486, 53.0176, 80.0842

Protanopia

52.6420, 53.1773, 80.8885

Deuteranopia

54.0965, 52.9818, 80.0484



Tritanopia

50.9738, 52.9447, 67.2072

Trichromacy



Original Color

53.5486, 53.0176, 80.0842

Protanomaly

52.9106, 52.9931, 80.8388

Deuteranomaly

53.8407, 52.8499, 80.0364

Tritanomaly

51.8828, 52.9867, 71.7829

Monochromacy



Original Color

53.5486, 53.0176, 80.0842

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.9825, 53.4930, 65.9779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5486, 53.0176, 80.0842 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(191, 189, 227)` looks like.

```
.text, #text, p{  
    color:rgb(191, 189, 227)  
}
```

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(191, 189, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 189, 227) }
```

Border

The CSS property to change the border of an element to XYZ 53.5486, 53.0176, 80.0842 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(191, 189, 227) }
```


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

```
.border{ border-color:rgb(191, 189, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 189, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 189, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 189, 227); box-shadow:4px 4px 4px 4px rgb(191, 189, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5486, 53.0176, 80.0842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 189, 227) }
```

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

```
.background{ background-color: rgb(191,  
189, 227) }
```

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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