

Converting Colors

XYZ(51.3215, 51.4382, 56.5146)

Have a look what the booklet for
XYZ(51.3215, 51.4382, 56.5146)
contains.

XYZ(51.3200, 51.4360, 56.5135)	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(51.3200, 51.4360,
56.5135)**

Conversions

Conversions Part 1

Format	Color
Hex	CABABF
RGB	202, 186, 191
RGB Percent	79%, 73%, 75%
CMY	0.2078, 0.2706, 0.2510
CMYK	0.00, 0.08, 0.05, 0.21
HSL	341°, 13%, 76%
HSV	341°, 8%, 79%
XYZ	51.3200, 51.4360, 56.5135
YIQ	191.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

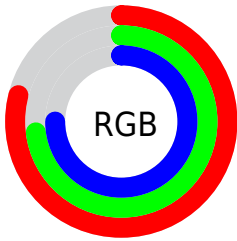
Format	Color
R _Y B	202, 186, 191
Decimal	13286079
CIE Lab	76.94, 6.53, -0.48
CIE LCh	77, 6.553, 355.769
Yxy	51.4360, 0.3222, 0.3229
Android (android.graphics.Color)	4291476159 (0xFFCABABF)
YUV	191.3540, -0.1745, 9.3365
Hunter-Lab	71.7189, 2.2215, 3.4835

Details

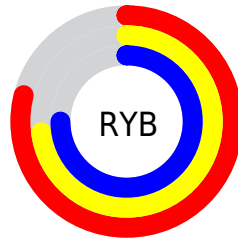
The XYZ color **51.3200, 51.4360, 56.5135** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4503, 56.7127, 61.0611**, and the grayscale version is **49.7257, 52.3153, 56.9714**.

A 20% lighter version of the original color is **89.7806, 91.4797, 100.9211**, and **25.1877, 24.9059, 27.5245** is the 20% darker color. If you saturate the color by 10%, you get **45.9050, 42.9370, 47.5210**, and if you desaturate by 10%, it is **57.4845, 61.2007, 66.4724**.

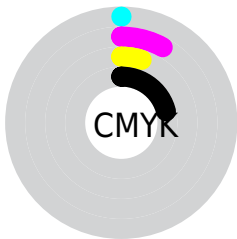
Distribution



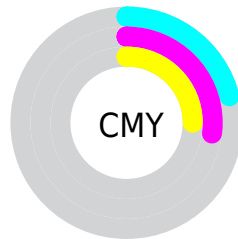
- Red (79%)
- Green (73%)
- Blue (75%)



- Red (79%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (21%)



- Cyan (21%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3200, 51.4360, 56.5135 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 51.3200, 51.4360, 56.5135 by changing the saturation by 10% instead.

■ 51.3200, 51.4360,
56.5135

■ 51.3200, 51.4360,
56.5135

382.1730,
392.2554, 429.0664

■ 36.6854, 36.5557,
40.2080

■ 91.3078, 92.2989,
101.2482

■ 25.1366, 24.8637,
27.3858

117.3917,
119.0504, 130.5146

■ 16.3081, 15.9755,
17.6282

148.0228,
150.5276, 164.9383

■ 9.8347, 9.5068,
10.5167

183.5664,
187.1151, 204.9379

■ 5.3509, 5.0732,
5.6328

224.3878,
229.1973, 250.9320

■ 2.4914, 2.2903,
2.5580

270.8525,

■ 0.8909, 0.7686,

277.1584, 303.3391

0.8706

323.3258,
331.3830, 362.5777

■ 0.0000, 0.0000,
0.0000

■ 51.3200, 51.4360,
56.5135

■ 51.3200, 51.4360,
56.5135

■ 45.9050, 42.9370,
47.5210

■ 57.4845, 61.2007,
66.4724

■ 41.2060, 35.6451,
39.4622

■ 64.4216, 72.2731,
77.4226

■ 37.1935, 29.5071,
32.3070

■ 72.1589, 84.7016,
89.3921

■ 33.8340, 24.4632,
26.0226

■ 76.8386, 90.7652,
101.1128

■ 31.0912, 20.4484,
20.5741

■ 78.1674, 91.2967,
108.1099

■ 28.9251, 17.3903,
15.9241

■ 27.2907, 15.2074,
12.0318

■ 26.1358, 13.8041,
8.8524

■ 25.3860, 13.0411,
6.3312

Harmonies

Analogous

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



50.8987, 51.4360, 59.9594



51.3200, 51.4360, 56.5135



51.0807, 51.4360, 53.0710

Triad

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



51.3200, 51.4360, 56.5135



47.8529, 51.4360, 50.0430



47.5513, 51.4360, 61.8795

Complementary

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



51.3200, 51.4360, 56.5135



51.4503, 56.7127, 61.0611

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.



46.7597, 51.4360, 59.0453



51.3200, 51.4360, 56.5135



46.9317, 51.4360, 52.2285

Square

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



51.3200, 51.4360, 56.5135



49.0656, 51.4360, 49.4290



46.5348, 51.4360, 55.4997



48.7116, 51.4360, 63.1399

Rectangle

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



51.3200, 51.4360, 56.5135



50.5809, 51.4360, 51.2251



46.5348, 51.4360, 55.4997



47.2340, 51.4360, 61.0735

Sweetspot

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



51.3215, 51.4382, 56.5146



92.8850, 96.5652, 105.4182



51.2298, 51.2458, 63.0691



19.9039, 20.7049, 22.6004



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.



51.3215, 51.4382, 56.5146



84.7520, 83.7174, 92.1695



51.4050, 52.4704, 53.8756



11.3543, 11.2704, 12.4001



16.2882, 8.3259, 3.9705



0.8746, 0.4433, 0.3856

Inverse Universe

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



51.3215, 51.4382, 56.5146



84.7520, 83.7174, 92.1695



51.3509, 55.5824, 63.8997



11.3543, 11.2704, 12.4001



16.2882, 8.3259, 3.9705



0.8746, 0.4433, 0.3856

Previews

White Background



This preview shows how the XYZ color 51.3200, 51.4360, 56.5135 looks on a white background.

Color Contrast Check

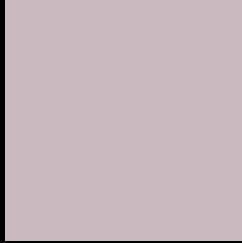
Large Text (above 18pt) WCAG AA × Fail

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 51.3200, 51.4360, 56.5135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

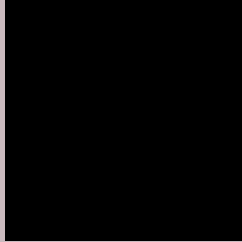
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3200, 51.4360, 56.5135

Background



This preview shows how black text looks on a background with the XYZ color 51.3200, 51.4360, 56.5135.



This preview shows how white text looks on a background with the XYZ color 51.3200, 51.4360,

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

51.3200, 51.4360, 56.5135

Protanopia

49.5615, 51.4519, 57.7711

Deuteranopia

52.5569, 51.4525, 56.4515



Tritanopia

52.2864, 51.5180, 61.2210

Trichromacy



Original Color

51.3200, 51.4360, 56.5135

Protanomaly

50.2626, 51.5080, 57.1621

Deuteranomaly

52.2065, 51.5813, 56.4948

Tritanomaly

51.9414, 51.3800, 59.4043

Monochromacy



Original Color

51.3200, 51.4360, 56.5135

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.1072, 51.7589, 56.6397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3200, 51.4360, 56.5135 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(202, 186, 191)` looks like.

```
.text, #text, p{  
    color:rgb(202, 186, 191)  
}
```

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(202, 186, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 186, 191) }
```

Border

The CSS property to change the border of an element to XYZ 51.3200, 51.4360, 56.5135 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(202, 186, 191) }
```


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

```
.border{ border-color:rgb(202, 186, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 186, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 186, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 186, 191);  
box-shadow:4px 4px 4px 4px rgb(202, 186,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3200, 51.4360, 56.5135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 186, 191) }
```

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

```
.background{ background-color: rgb(202,  
186, 191) }
```

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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