

Converting Colors

XYZ(43.4300, 46.2403, 50.9665)

Have a look what the booklet for
XYZ(43.4300, 46.2403, 50.9665)
contains.

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Color

**XYZ(43.5315, 46.2983,
50.8981)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B6B6
RGB	178, 182, 182
RGB Percent	70%, 71%, 71%
CMY	0.3020, 0.2863, 0.2863
CMYK	0.02, 0.00, 0.00, 0.29
HSL	180°, 3%, 71%
HSV	180°, 2%, 71%
XYZ	43.5315, 46.2983, 50.8981
YIQ	180.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

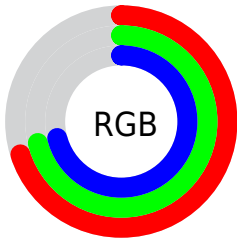
Format	Color
RYB	178, 180, 182
Decimal	11712182
CIELab	73.74, -1.39, -0.50
CIELCh	74, 1.479, 199.630
Yxy	46.2983, 0.3093, 0.3290
Android (android.graphics.Color)	4289902262 (0xFFB2B6B6)
YUV	180.8040, 0.5896, -2.4591
Hunter-Lab	68.0429, -4.8768, 3.2793

Details

The XYZ color **43.5315, 46.2983, 50.8981** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.2493, 45.0013, 48.5283**, and the grayscale version is **43.8141, 46.0958, 50.1983**.

A 20% lighter version of the original color is **79.9388, 84.8145, 93.0465**, and **20.2702, 21.6455, 23.8785** is the 20% darker color. If you saturate the color by 10%, you get **39.6284, 44.2876, 50.7086**, and if you desaturate by 10%, it is **47.9914, 48.5986, 51.1155**.

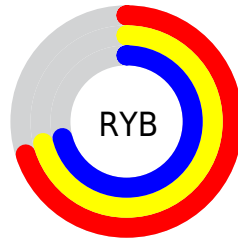
Distribution



Red (70%)

Green (71%)

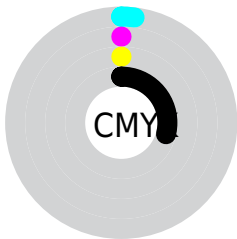
Blue (71%)



Red (70%)

Yellow (71%)

Blue (71%)

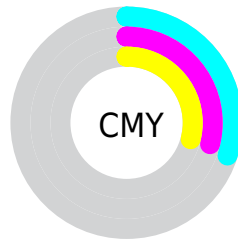


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (29%)



Cyan (30%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5315, 46.2983, 50.8981 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 43.5315, 46.2983, 50.8981 by changing the saturation by 10% instead.

■ 43.5315, 46.2983,
50.8981

■ 43.5315, 46.2983,
50.8981

351.6776,
372.0066, 407.0030

■ 30.4987, 32.4813,
35.7514

■ 79.7630, 84.6653,
92.9141

■ 20.3674, 21.7294,
23.9541

103.6924,
109.9840, 120.6204

■ 12.7722, 13.6582,
15.0877

131.9848,
139.9054, 153.3503

■ 7.3478, 7.8833,
8.7336

165.0054,
174.8139, 191.5224

■ 3.7288, 4.0204,
4.4734

203.1196,
215.0939, 235.5552

■ 1.5499, 1.6850,
1.8885

246.6928,

■ 0.3594, 0.4139,

261.1297, 285.8672

0.4854

296.0904,
313.3058, 342.8769

■ 0.0000, 0.0000,
0.0000

■ 43.5315, 46.2983,
50.8981

■ 43.5315, 46.2983,
50.8981

■ 39.6284, 44.2876,
50.7086

■ 47.9914, 48.5986,
51.1155

■ 36.2564, 42.5495,
50.5431

■ 53.0245, 51.1931,
51.3588

■ 33.3937, 41.0739,
50.4014

■ 58.6515, 54.0937,
51.6299

■ 31.0157, 39.8481,
50.2823

■ 64.8911, 57.3102,
51.9297

■ 29.0954, 38.8584,
50.1847

■ 66.4199, 58.0982,
52.0090

■ 27.6036, 38.0895,
50.1072

■ 66.4214, 58.0988,
52.0168

■ 26.5072, 37.5244,
50.0481

■ 66.4229, 58.0993,
52.0246

■ 25.7687, 37.1439,
50.0058

■ 66.4244, 58.0999,
52.0324

■ 25.3433, 36.9248,
49.9782

■ 66.4259, 58.1005,
52.0402

Harmonies

Analogous

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



43.5106, 46.2983, 50.1512



43.5315, 46.2983, 50.8981



43.6791, 46.2983, 51.5202

Triad

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



43.5315, 46.2983, 50.8981



44.3908, 46.2983, 51.3530



44.0961, 46.2983, 49.0025

Complementary

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



43.5315, 46.2983, 50.8981



43.2493, 45.0013, 48.5283

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.



44.3329, 46.2983, 49.3178



43.5315, 46.2983, 50.8981



44.5035, 46.2983, 50.6716

Square

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



43.5315, 46.2983, 50.8981



44.1749, 46.2983, 51.7847



44.4822, 46.2983, 49.9270



43.8358, 46.2983, 49.0618

Rectangle

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



43.5315, 46.2983, 50.8981



43.8297, 46.2983, 51.7781



44.4822, 46.2983, 49.9270



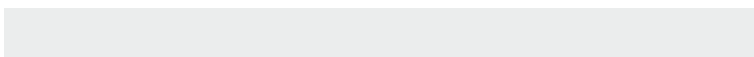
44.1811, 46.2983, 49.0681

Sweetspot

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



43.5328, 46.3003, 50.8991



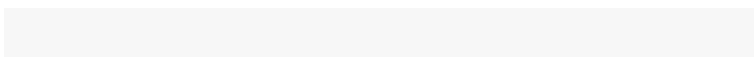
79.8232, 84.4028, 92.3185



43.1405, 46.1451, 48.7531



17.6395, 18.6466, 20.3908



88.6918, 93.3107, 101.6153



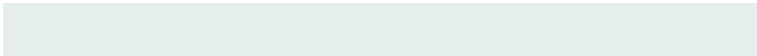
17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.5328, 46.3003, 50.8991



78.2793, 83.6070, 92.2434



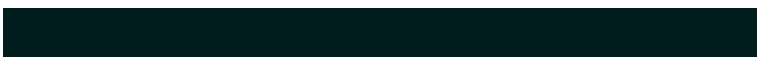
43.1396, 45.5132, 50.7696



9.7694, 10.4698, 11.5847



17.7654, 26.0071, 35.2824



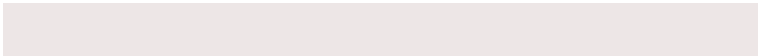
0.6264, 0.9169, 1.2443

Inverse Universe

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



43.2493, 45.0013, 48.5283



77.5706, 80.3592, 86.3157



43.6368, 45.7767, 48.6559



9.6608, 9.9723, 10.6766



13.6240, 7.0234, 0.6411



0.4804, 0.2476, 0.0231

Previews

White Background



This preview shows how the XYZ color 43.5315, 46.2983, 50.8981 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 43.5315, 46.2983, 50.8981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

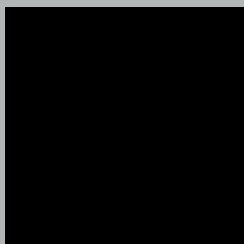
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

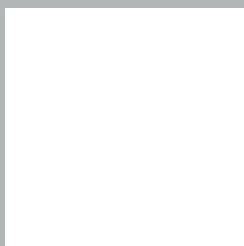
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5315, 46.2983, 50.8981

Background



This preview shows how black text looks on a background with the XYZ color 43.5315, 46.2983, 50.8981.



This preview shows how white text looks on a background with the XYZ color 43.5315, 46.2983, 50.8981.

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

43.5315, 46.2983, 50.8981

Protanopia

44.4289, 46.1691, 50.2859

Deuteranopia

46.9032, 45.9492, 51.1968



Tritanopia

44.8813, 46.2409, 57.5988

Trichromacy



Original Color

43.5315, 46.2983, 50.8981

Protanomaly

44.1558, 46.3290, 50.3312

Deuteranomaly

45.7028, 46.2068, 51.3098

Tritanomaly

44.4085, 46.3492, 55.3209

Monochromacy



Original Color

43.5315, 46.2983, 50.8981

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.6868, 46.0872, 50.3092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5315, 46.2983, 50.8981 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(178, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(178, 182, 182)  
}
```

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(178, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 182, 182) }
```

Border

The CSS property to change the border of an element to XYZ 43.5315, 46.2983, 50.8981 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(178, 182, 182) }
```


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

```
.border{ border-color:rgb(178, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(178, 182,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5315, 46.2983, 50.8981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 182, 182) }
```

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

```
.background{ background-color: rgb(178,  
182, 182) }
```

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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