

Converting Colors

XYZ(42.8296, 45.6276, 51.0740)

Have a look what the booklet for
XYZ(42.8296, 45.6276, 51.0740)
contains.

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Color

**XYZ(42.8719, 45.6553,
50.8087)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B5B6
RGB	176, 181, 182
RGB Percent	69%, 71%, 71%
CMY	0.3098, 0.2902, 0.2863
CMYK	0.03, 0.01, 0.00, 0.29
HSL	190°, 4%, 70%
HSV	190°, 3%, 71%
XYZ	42.8719, 45.6553, 50.8087
YIQ	179.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

Format	Color
RYB	176, 179, 182
Decimal	11580854
CIELab	73.32, -1.55, -1.13
CIElCh	73, 1.916, 215.978
Yxy	45.6553, 0.3077, 0.3277
Android (android.graphics.Color)	4289770934 (0xFFB0B5B6)
YUV	179.6190, 1.1738, -3.1739
Hunter-Lab	67.5687, -4.9882, 2.7146

Details

The XYZ color **42.8719, 45.6553, 50.8087** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.8501, 44.5235, 47.4105**, and the grayscale version is **43.1746, 45.4230, 49.4656**.

A 20% lighter version of the original color is **78.9955, 83.8972, 92.9192**, and **19.9938, 21.3084, 23.8280** is the 20% darker color. If you saturate the color by 10%, you get **38.4216, 42.4594, 50.4271**, and if you desaturate by 10%, it is **47.8899, 49.1662, 51.2226**.

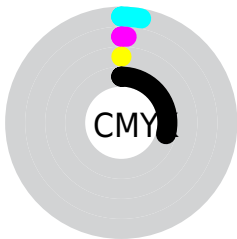
Distribution



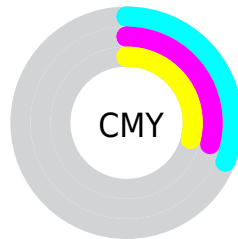
- Red (69%)
- Green (71%)
- Blue (71%)



- Red (69%)
- Yellow (70%)
- Blue (71%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8719, 45.6553, 50.8087 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 42.8719, 45.6553, 50.8087 by changing the saturation by 10% instead.

■ 42.8719, 45.6553,
50.8087

■ 42.8719, 45.6553,
50.8087

349.0151,
369.4211, 406.6454

■ 29.9787, 31.9739,
35.6807

■ 78.7744, 83.7029,
92.7805

■ 19.9704, 21.3416,
23.9000

102.5145,
108.8379, 120.4615

■ 12.4817, 13.3739,
15.0479

130.6009,
138.5595, 153.1638

■ 7.1471, 7.6865,
8.7060

163.3989,
173.2521, 191.3061

■ 3.6014, 3.8950,
4.4558

201.2740,
213.3002, 235.3068

■ 1.4792, 1.6150,
1.8786

244.5915,

■ 0.3116, 0.3677,

259.0882, 285.5846

0.4790

293.7168,
311.0003, 342.5580

■ 0.0000, 0.0000,
0.0000

■ 42.8719, 45.6553,
50.8087

■ 42.8719, 45.6553,
50.8087

■ 38.4216, 42.4594,
50.4271

■ 47.8899, 49.1662,
51.2226

■ 34.5133, 39.5614,
50.0737

■ 53.4923, 52.9970,
51.6667

■ 31.1248, 36.9509,
49.7484

■ 59.7001, 57.1600,
52.1431

■ 28.2312, 34.6149,
49.4500

■ 66.5320, 61.6649,
52.6525

■ 25.8053, 32.5394,
49.1773

■ 69.4515, 64.1732,
52.9828

■ 23.8173, 30.7088,
48.9287

■ 70.1410, 65.5523,
53.2127

■ 22.2337, 29.1057,
48.7028

■ 70.8444, 66.9590,
53.4471

■ 21.0162, 27.7104,
48.4976

■ 71.5617, 68.3936,
53.6862

■ 20.1189, 26.4988,
48.3110

■ 72.2930, 69.8562,
53.9300

Harmonies

Analogous

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



42.7529, 45.6553, 49.9043



42.8719, 45.6553, 50.8087



43.1308, 45.6553, 51.4247

Triad

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



42.8719, 45.6553, 50.8087



43.9883, 45.6553, 50.4699



43.3266, 45.6553, 47.8885

Complementary

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



42.8719, 45.6553, 50.8087



42.8501, 44.5235, 47.4105

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.



43.6582, 45.6553, 48.0356



42.8719, 45.6553, 50.8087



44.0414, 45.6553, 49.5179

Square

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



42.8719, 45.6553, 50.8087



43.7757, 45.6553, 51.2273



43.9203, 45.6553, 48.6289



43.0146, 45.6553, 48.2247

Rectangle

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



42.8719, 45.6553, 50.8087



43.3486, 45.6553, 51.5845



43.9203, 45.6553, 48.6289



43.4394, 45.6553, 47.8831

Sweetspot

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



42.8732, 45.6572, 50.8097



79.7094, 84.1748, 92.2819



42.5590, 45.8571, 48.1517



17.6156, 18.5989, 20.3831



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.



42.8732, 45.6572, 50.8097



77.0693, 82.3081, 92.0608



42.2890, 44.4889, 50.6150



9.6174, 10.2941, 11.5595



13.9063, 18.2722, 34.0470



0.5244, 0.7125, 1.2116

Inverse Universe

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



43.1582, 44.3328, 50.0008



77.7047, 79.3639, 90.2560



43.4296, 45.6825, 47.6037



9.7088, 9.8714, 11.2997



17.6329, 8.6269, 21.7516



0.6388, 0.3110, 0.8576

Previews

White Background



This preview shows how the XYZ color 42.8719, 45.6553, 50.8087 looks on a white background.

Color Contrast Check

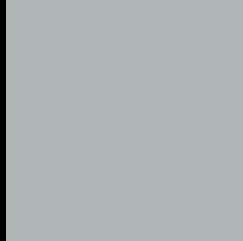
Large Text (above 18pt) WCAG AA × Fail

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 42.8719, 45.6553, 50.8087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

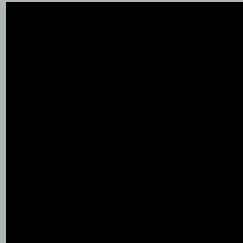
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8719, 45.6553, 50.8087

Background



This preview shows how black text looks on a background with the XYZ color 42.8719, 45.6553, 50.8087.



This preview shows how white text looks on a background with the XYZ color 42.8719, 45.6553,

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

42.8719, 45.6553, 50.8087

Protanopia

43.9890, 45.6437, 50.2077

Deuteranopia

46.4482, 45.4268, 51.1199



Tritanopia

44.1058, 45.5554, 56.9205

Trichromacy



Original Color

42.8719, 45.6553, 50.8087

Protanomaly

43.4841, 45.6820, 50.2417

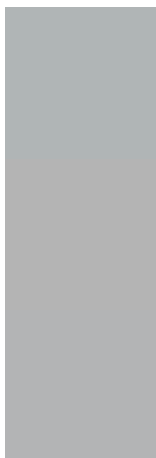
Deuteranomaly

45.2556, 45.6820, 51.2320

Tritanomaly

43.6380, 45.6638, 54.6581

Monochromacy



Original Color

42.8719, 45.6553, 50.8087

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2522, 45.5624, 50.2309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8719, 45.6553, 50.8087 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(176, 181, 182)` looks like.

```
.text, #text, p{  
    color:rgb(176, 181, 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(176, 181, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 181, 182) }
```

Border

The CSS property to change the border of an element to XYZ 42.8719, 45.6553, 50.8087 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(176, 181, 182) }
```


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

```
.border{ border-color:rgb(176, 181, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 181, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 181, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 181, 182);  
box-shadow:4px 4px 4px 4px rgb(176, 181,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8719, 45.6553, 50.8087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 181, 182) }
```

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

```
.background{ background-color: rgb(176,  
181, 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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