

Converting Colors

XYZ(42.2782, 45.6381, 50.1776)

Have a look what the booklet for
XYZ(42.2782, 45.6381, 50.1776)
contains.

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Color

**XYZ(42.3020, 45.6763,
50.3029)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB6B5
RGB	173, 182, 181
RGB Percent	68%, 71%, 71%
CMY	0.3216, 0.2863, 0.2902
CMYK	0.05, 0.00, 0.01, 0.29
HSL	173°, 6%, 70%
HSV	173°, 5%, 71%
XYZ	42.3020, 45.6763, 50.3029
YIQ	179.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

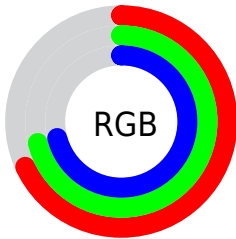
Format	Color
RYB	173, 178, 182
Decimal	11384501
CIELab	73.33, -3.32, -0.59
CIElCh	73, 3.367, 190.011
Yxy	45.6763, 0.3059, 0.3303
Android (android.graphics.Color)	4289574581 (0xFFADB6B5)
YUV	179.1950, 0.8899, -5.4330
Hunter-Lab	67.5842, -6.5466, 3.1795

Details

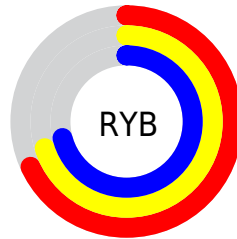
The XYZ color **42.3020, 45.6763, 50.3029** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.8766, 42.8894, 46.1179**, and the grayscale version is **42.9501, 45.1868, 49.2085**.

A 20% lighter version of the original color is **77.8555, 83.7575, 92.1841**, and **19.6317, 21.3240, 23.5033** is the 20% darker color. If you saturate the color by 10%, you get **38.3422, 43.6601, 49.0403**, and if you desaturate by 10%, it is **46.8157, 47.9802, 51.6091**.

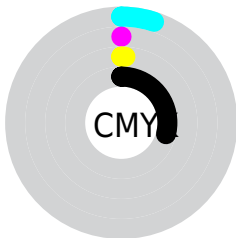
Distribution



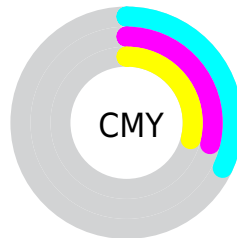
- Red (68%)
- Green (71%)
- Blue (71%)



- Red (68%)
- Yellow (70%)
- Blue (71%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3020, 45.6763, 50.3029 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 42.3020, 45.6763, 50.3029 by changing the saturation by 10% instead.

■ 42.3020, 45.6763,
50.3029

■ 42.3020, 45.6763,
50.3029

346.7037,
369.5057, 404.6182

■ 29.5300, 31.9905,
35.2813

■ 77.9188, 83.7343,
92.0244

■ 19.6284, 21.3542,
23.5943

101.4943,
108.8753, 119.5614

■ 12.2319, 13.3832,
14.8236

129.4016,
138.6035, 152.1072

■ 6.9751, 7.6929,
8.5504

162.0062,
173.3032, 190.0805

■ 3.4928, 3.8991,
4.3563

199.6733,
213.3589, 233.8996

■ 1.4194, 1.6173,
1.8228

242.7684,

■ 0.2700, 0.3692,

259.1550, 283.9833

0.4429

291.6567,
311.0758, 340.7500

■ 0.0000, 0.0000,
0.0000

■ 42.3020, 45.6763,
50.3029

■ 42.3020, 45.6763,
50.3029

■ 38.3422, 43.6601,
49.0403

■ 46.8157, 47.9802,
51.6091

■ 34.9104, 41.9145,
47.8172

■ 51.9001, 50.5768,
52.9570

■ 31.9844, 40.4292,
46.6335

■ 57.5764, 53.4781,
54.3484

■ 29.5388, 39.1913,
45.4878

■ 63.8632, 56.6938,
55.7845

■ 27.5461, 38.1865,
44.3789

■ 67.3881, 58.4853,
57.1074

■ 25.9762, 37.3993,
43.3053

■ 67.6130, 58.5753,
58.2919

■ 24.7949, 36.8121,
42.2652

■ 67.8411, 58.6665,
59.4928

■ 23.9630, 36.4047,
41.2569

■ 68.0722, 58.7590,
60.7101

■ 23.4328, 36.1525,
40.2779

■ 68.3065, 58.8527,
61.9439

Harmonies

Analogous

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



42.3524, 45.6763, 48.6270



42.3020, 45.6763, 50.3029



42.5475, 45.6763, 51.8605

Triad

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



42.3020, 45.6763, 50.3029



44.1503, 45.6763, 52.2741



43.8044, 45.6763, 46.7310

Complementary

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



42.3020, 45.6763, 50.3029



41.8766, 42.8894, 46.1179

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.



44.2921, 45.6763, 47.6659



42.3020, 45.6763, 50.3029



44.4931, 45.6763, 50.8571

Square

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



42.3020, 45.6763, 50.3029



43.6122, 45.6763, 53.0155



44.5452, 45.6763, 49.1689



43.2163, 45.6763, 46.5903

Rectangle

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



42.3020, 45.6763, 50.3029



42.8472, 45.6763, 52.6127



44.5452, 45.6763, 49.1689



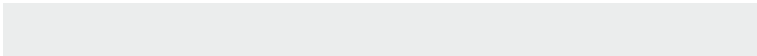
43.9857, 45.6763, 46.9618

Sweetspot

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



42.3033, 45.6782, 50.3039



79.7849, 84.3875, 92.1166



41.7388, 45.4794, 46.1144



17.6314, 18.6434, 20.3485



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.



42.3033, 45.6782, 50.3039



75.8119, 82.3616, 90.9275



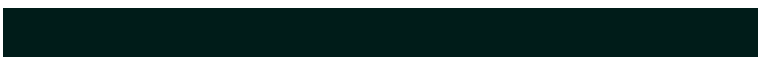
41.7085, 44.3233, 50.6152



9.4822, 10.3253, 11.4098



16.4166, 25.4676, 28.1796



0.5911, 0.9027, 1.0586

Inverse Universe

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



41.8766, 42.8894, 46.1179



74.8650, 76.1728, 81.6384



42.4495, 44.1912, 45.8283



9.3550, 9.4944, 10.1626



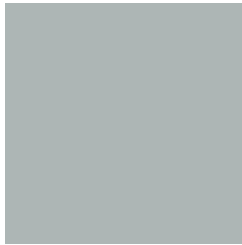
13.7271, 7.0646, 1.1840



0.4974, 0.2544, 0.1126

Previews

White Background



This preview shows how the XYZ color 42.3020, 45.6763, 50.3029 looks on a white background.

Color Contrast Check

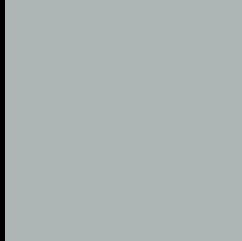
Large Text (above 18pt) WCAG AA × Fail

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 42.3020, 45.6763, 50.3029 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

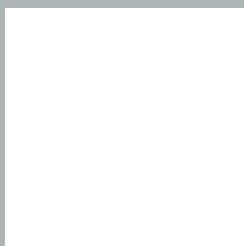
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3020, 45.6763, 50.3029

Background



This preview shows how black text looks on a background with the XYZ color 42.3020, 45.6763, 50.3029.

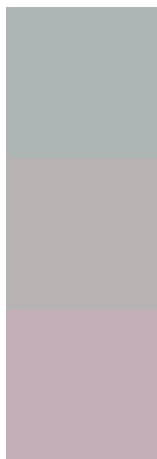


This preview shows how white text looks on a background with the XYZ color 42.3020, 45.6763,

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

42.3020, 45.6763, 50.3029

Protanopia

43.7852, 45.5622, 49.1345

Deuteranopia

46.4482, 45.4268, 51.1199



Tritanopia

43.7381, 45.6515, 57.5453

Trichromacy



Original Color

42.3020, 45.6763, 50.3029

Protanomaly

43.1499, 45.5215, 49.6923

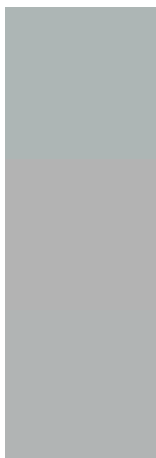
Deuteranomaly

44.9047, 45.5130, 50.6741

Tritanomaly

43.1647, 45.7205, 54.6940

Monochromacy



Original Color

42.3020, 45.6763, 50.3029

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.6909, 45.2849, 49.6708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3020, 45.6763, 50.3029 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(173, 182, 181)` looks like.

```
.text, #text, p{  
    color:rgb(173, 182, 181)  
}
```

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(173, 182, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 182, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.3020, 45.6763, 50.3029 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(173, 182, 181) }
```


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

```
.border{ border-color:rgb(173, 182, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 182, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 182, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 182, 181);  
box-shadow:4px 4px 4px 4px rgb(173, 182,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3020, 45.6763, 50.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 182, 181) }
```

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

```
.background{ background-color: rgb(173,  
182, 181) }
```

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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