

Converting Colors

XYZ(43.0211, 47.7264, 56.5592)

Have a look what the booklet for
XYZ(43.0211, 47.7264, 56.5592)
contains.

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Color

**XYZ(43.0147, 47.7715,
56.8229)**

Conversions

Conversions Part 1

Format	Color
Hex	A5BCC0
RGB	165, 188, 192
RGB Percent	65%, 74%, 75%
CMY	0.3529, 0.2627, 0.2471
CMYK	0.14, 0.02, 0.00, 0.25
HSL	189°, 18%, 70%
HSV	189°, 14%, 75%
XYZ	43.0147, 47.7715, 56.8229
YIQ	181.5790, -14.9920, -3.6320

Conversions

Conversions Part 2

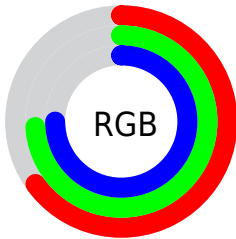
Format	Color
R_{YB}	165, 177, 192
Decimal	10861760
CIE Lab	74.68, -6.98, -4.68
CIE LCh	75, 8.405, 213.803
Yxy	47.7715, 0.2914, 0.3236
Android (android.graphics.Color)	4289051840 (0xFFA5BCC0)
YUV	181.5790, 5.1376, -14.5398
Hunter-Lab	69.1169, -9.8657, -0.3621

Details

The XYZ color **43.0147, 47.7715, 56.8229** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.7181, 42.2990, 41.5113**, and the grayscale version is **44.2145, 46.5171, 50.6571**.

A 20% lighter version of the original color is **78.8092, 86.6943, 101.3869**, and **20.1342, 22.7027, 27.7470** is the 20% darker color. If you saturate the color by 10%, you get **38.7161, 44.6641, 56.4504**, and if you desaturate by 10%, it is **47.9276, 51.2159, 57.2296**.

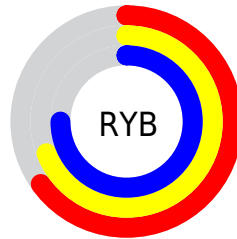
Distribution



Red (65%)

Green (74%)

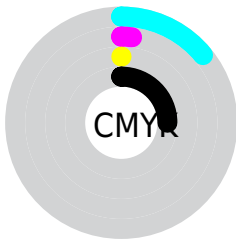
Blue (75%)



Red (65%)

Yellow (69%)

Blue (75%)

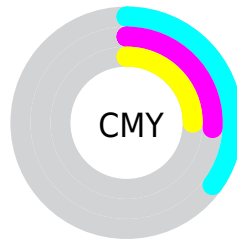


Cyan (14%)

Magenta (2%)

Yellow (0%)

Black (25%)



Cyan (35%)


Magenta (26%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0147, 47.7715, 56.8229 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 43.0147, 47.7715, 56.8229 by changing the saturation by 10% instead.


 43.0147, 47.7715,
56.8229


 43.0147, 47.7715,
56.8229


349.5927,
377.8857, 430.2605

 30.0912, 33.6460,
40.4547


 78.9886, 86.8641,
101.7045

 20.0563, 22.6218,
27.5767


 102.7698,
112.5999, 131.0549

 12.5444, 14.3145,
17.7706

130.9008,
142.9747, 165.5698

 7.1904, 8.3397,
10.6177

163.7472,
178.3727, 205.6678

 3.6289, 4.3131,
5.6994

201.6742,
219.1785, 251.7673

 1.4944, 1.8502,
2.5974

245.0472,

 0.3220, 0.5182,

265.7763, 304.2869

0.8911

294.2316,
318.5505, 363.6451

■ 0.0000, 0.0000,
0.0000

■ 43.0147, 47.7715,
56.8229

■ 43.0147, 47.7715,
56.8229

■ 38.7161, 44.6641,
56.4504

■ 47.9276, 51.2159,
57.2296

■ 35.0010, 41.8738,
56.1077

■ 53.4756, 55.0043,
57.6684

■ 31.8420, 39.3878,
55.7943

■ 59.6838, 59.1510,
58.1416

■ 29.2079, 37.1899,
55.5089

■ 66.5745, 63.6676,
58.6502

■ 27.0645, 35.2623,
55.2498

■ 71.9262, 67.4090,
59.0903

■ 25.3732, 33.5850,
55.0152

■ 72.6003, 68.7572,
59.3150

■ 24.0897, 32.1350,
54.8030

■ 73.2868, 70.1302,
59.5438

■ 23.1605, 30.8848,
54.6106

■ 73.9857, 71.5280,
59.7768

■ 22.7140, 30.2047,
54.5029

■ 74.6970, 72.9508,
60.0139

Harmonies

Analogous

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



42.5450, 47.7715, 52.5734



43.0147, 47.7715, 56.8229



44.1246, 47.7715, 59.9109

Triad

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



43.0147, 47.7715, 56.8229



48.0846, 47.7715, 55.8068



45.2114, 47.7715, 44.0859

Complementary

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



43.0147, 47.7715, 56.8229



42.7181, 42.2990, 41.5113

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.



46.7107, 47.7715, 44.8454



43.0147, 47.7715, 56.8229



48.3911, 47.7715, 51.4606

Square

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



43.0147, 47.7715, 56.8229



47.0545, 47.7715, 59.3016



47.8830, 47.7715, 47.4863



43.7953, 47.7715, 45.3512

Rectangle

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



43.0147, 47.7715, 56.8229



45.0899, 47.7715, 60.8082



47.8830, 47.7715, 47.4863



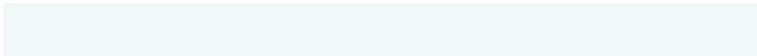
45.7223, 47.7715, 44.1132

Sweetspot

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



43.0161, 47.7735, 56.8240



86.8389, 92.7977, 103.6951



41.4915, 48.5490, 44.5245



18.4762, 19.8019, 22.2336



92.9021, 97.7402, 106.4391



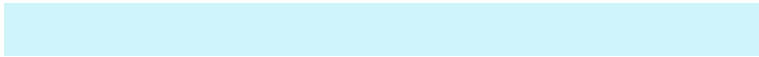
19.4759, 20.4902, 22.3138

Same Dimension

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



43.0161, 47.7735, 56.8240



75.3219, 84.6884, 102.7369



40.3429, 42.4271, 55.9329



10.2374, 11.1661, 12.9005



15.3286, 20.4138, 36.6890



0.6976, 0.9527, 1.5970

Inverse Universe

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



44.2716, 41.7486, 53.3041



78.0725, 71.6415, 94.9912



45.2790, 47.4208, 42.3649



10.4311, 10.2211, 12.3608



19.1332, 9.3430, 24.4110



0.8445, 0.4108, 1.1486

Previews

White Background



This preview shows how the XYZ color 43.0147, 47.7715, 56.8229 looks on a white background.

Color Contrast Check

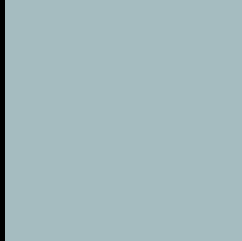
Large Text (above 18pt) WCAG AA × Fail

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 43.0147, 47.7715, 56.8229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

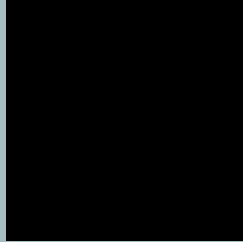
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0147, 47.7715, 56.8229

Background



This preview shows how black text looks on a background with the XYZ color 43.0147, 47.7715, 56.8229.



This preview shows how white text looks on a background with the XYZ color 43.0147, 47.7715,

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

43.0147, 47.7715, 56.8229

Protanopia

45.9208, 47.4443, 54.8815

Deuteranopia

48.4229, 47.4716, 57.6497



Tritanopia

44.2493, 47.9732, 62.1859

Trichromacy



Original Color

43.0147, 47.7715, 56.8229

Protanomaly

44.7949, 47.4637, 55.5157

Deuteranomaly

46.3612, 47.6204, 57.2002

Tritanomaly

43.6893, 47.7249, 60.3352

Monochromacy



Original Color

43.0147, 47.7715, 56.8229

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.9079, 47.0563, 53.2229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0147, 47.7715, 56.8229 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(165, 188, 192)` looks like.

```
.text, #text, p{  
    color:rgb(165, 188, 192)  
}
```

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(165, 188, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 188, 192) }
```

Border

The CSS property to change the border of an element to XYZ 43.0147, 47.7715, 56.8229 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(165, 188, 192) }
```


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

```
.border{ border-color:rgb(165, 188, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 188, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 188, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 188, 192);  
box-shadow:4px 4px 4px 4px rgb(165, 188,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0147, 47.7715, 56.8229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 188, 192) }
```

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

```
.background{ background-color: rgb(165,  
188, 192) }
```

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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