

Converting Colors

XYZ(42.8001, 47.2029, 56.1186)

Have a look what the booklet for
XYZ(42.8001, 47.2029, 56.1186)
contains.

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Color

**XYZ(42.9002, 47.4092,
56.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BBBF
RGB	166, 187, 191
RGB Percent	65%, 73%, 75%
CMY	0.3490, 0.2667, 0.2510
CMYK	0.13, 0.02, 0.00, 0.25
HSL	190°, 16%, 70%
HSV	190°, 13%, 75%
XYZ	42.9002, 47.4092, 56.1800
YIQ	181.1770, -13.8000, -3.2080

Conversions

Conversions Part 2

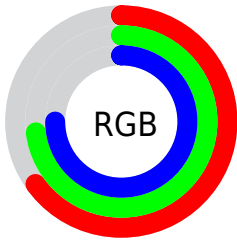
Format	Color
R_{YB}	166, 177, 191
Decimal	10927039
CIE _{Lab}	74.45, -6.33, -4.46
CIE _{LCh}	74, 7.748, 215.165
Yxy	47.4092, 0.2929, 0.3236
Android (android.graphics.Color)	4289117119 (0xFFA6BBBF)
YUV	181.1770, 4.8427, -13.3102
Hunter-Lab	68.8543, -9.2794, -0.1782

Details

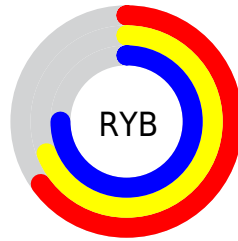
The XYZ color **42.9002, 47.4092, 56.1800** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.7439, 42.5790, 42.0431**, and the grayscale version is **43.9978, 46.2891, 50.4088**.

A 20% lighter version of the original color is **78.6579, 86.1887, 100.4861**, and **20.0520, 22.4626, 27.3236** is the 20% darker color. If you saturate the color by 10%, you get **38.5492, 44.2158, 55.7937**, and if you desaturate by 10%, it is **47.8624, 50.9407, 56.6009**.

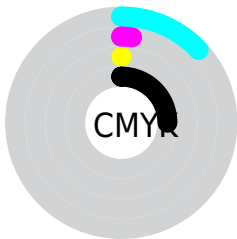
Distribution



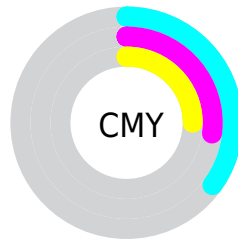
- Red (65%)
- Green (73%)
- Blue (75%)



- Red (65%)
- Yellow (69%)
- Blue (75%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9002, 47.4092, 56.1800 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 42.9002, 47.4092, 56.1800 by changing the saturation by 10% instead.

■ 42.9002, 47.4092,
56.1800

■ 42.9002, 47.4092,
56.1800

349.1297,
376.4455, 427.7769

■ 30.0010, 33.3593,
39.9423

■ 78.8169, 86.3241,
100.7561

■ 19.9874, 22.4018,
27.1801

■ 102.5651,
111.9579, 129.9316

■ 12.4941, 14.1524,
17.4749

130.6603,
142.2217, 164.2568

■ 7.1557, 8.2268,
10.4081

163.4680,
177.5000, 204.1502

■ 3.6069, 4.2404,
5.5613

201.3534,
218.1771, 250.0304

■ 1.4822, 1.8089,
2.5158

244.6819,

■ 0.3137, 0.4927,

264.6375, 302.3159

0.8485

293.8189,
317.2655, 361.4252

■ 0.0000, 0.0000,
0.0000

■ 42.9002, 47.4092,
56.1800

■ 42.9002, 47.4092,
56.1800

■ 38.5492, 44.2158,
55.7937

■ 47.8624, 50.9407,
56.6009

■ 34.7791, 41.3409,
55.4375

■ 53.4562, 54.8171,
57.0543

■ 31.5631, 38.7718,
55.1111

■ 59.7062, 59.0525,
57.5424

■ 28.8706, 36.4928,
54.8131

■ 66.6345, 63.6584,
58.0662

■ 26.6681, 34.4862,
54.5419

■ 71.8290, 67.3915,
58.5130

■ 24.9181, 32.7328,
54.2957

■ 72.5540, 68.8415,
58.7547

■ 23.5774, 31.2101,
54.0724

■ 73.2933, 70.3201,
59.0011

■ 22.5943, 29.8912,
53.8697

■ 74.0469, 71.8273,
59.2523

■ 22.0549, 29.0633,
53.7383

■ 74.8150, 73.3634,
59.5083

Harmonies

Analogous

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



42.4379, 47.4092, 52.3164



42.9002, 47.4092, 56.1800



43.9420, 47.4092, 58.9229

Triad

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



42.9002, 47.4092, 56.1800



47.5434, 47.4092, 54.9201



44.8196, 47.4092, 44.3304

Complementary

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



42.9002, 47.4092, 56.1800



42.7439, 42.5790, 42.0431

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.



46.1989, 47.4092, 44.9479



42.9002, 47.4092, 56.1800



47.7901, 47.4092, 50.9310

Square

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



42.9002, 47.4092, 56.1800



46.6261, 47.4092, 58.1696



47.2932, 47.4092, 47.3147



43.5313, 47.4092, 45.5825

Rectangle

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



42.9002, 47.4092, 56.1800



44.8350, 47.4092, 59.6733



47.2932, 47.4092, 47.3147



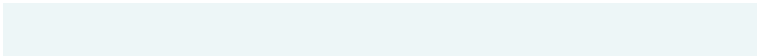
45.2878, 47.4092, 44.3269

Sweetspot

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



42.9016, 47.4112, 56.1811



84.8053, 90.5906, 101.2952



41.5896, 48.2623, 45.0308



18.4670, 19.7833, 22.2305



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.



42.9016, 47.4112, 56.1811



74.2533, 83.0378, 100.3935



40.4121, 42.4322, 55.3512



9.6752, 10.5427, 12.1972



14.5431, 19.1980, 35.3320



0.6050, 0.8227, 1.3958

Inverse Universe

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



44.0928, 41.9377, 52.7868



76.8626, 71.1917, 92.9265



45.1488, 47.3888, 42.8447



9.8626, 9.6694, 11.6657



18.3415, 8.9677, 22.8895



0.7363, 0.3584, 0.9906

Previews

White Background



This preview shows how the XYZ color 42.9002, 47.4092, 56.1800 looks on a white background.

Color Contrast Check

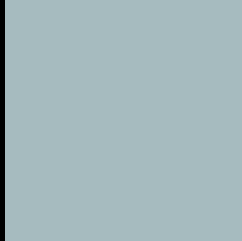
Large Text (above 18pt) WCAG AA × Fail

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 42.9002, 47.4092, 56.1800 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

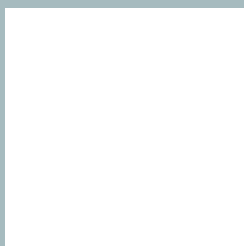
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9002, 47.4092, 56.1800

Background



This preview shows how black text looks on a background with the XYZ color 42.9002, 47.4092, 56.1800.



This preview shows how white text looks on a background with the XYZ color 42.9002, 47.4092,

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

42.9002, 47.4092, 56.1800

Protanopia

45.8126, 47.4010, 54.3117

Deuteranopia

48.1127, 47.0303, 56.9940



Tritanopia

44.1327, 47.6128, 61.5077

Trichromacy



Original Color

42.9002, 47.4092, 56.1800

Protanomaly

44.6859, 47.4201, 54.9419

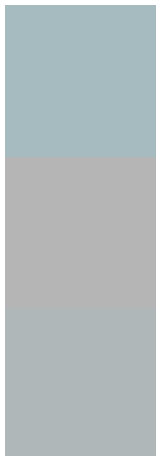
Deuteranomaly

46.0459, 47.1678, 56.5466

Tritanomaly

43.5733, 47.3645, 59.6690

Monochromacy



Original Color

42.9002, 47.4092, 56.1800

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5949, 46.5999, 52.5959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9002, 47.4092, 56.1800 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(166, 187, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 187, 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(166, 187, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 187, 191) }
```

Border

The CSS property to change the border of an element to XYZ 42.9002, 47.4092, 56.1800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

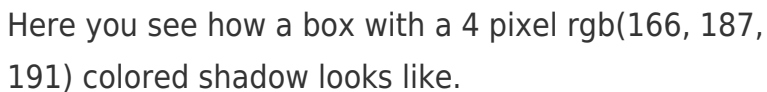
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 187, 191) }
```


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

```
.border{ border-color:rgb(166, 187, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 187, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 187, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 187, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 187,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9002, 47.4092, 56.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 187, 191) }
```

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

```
.background{ background-color: rgb(166,  
187, 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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