

Converting Colors

XYZ(43.3418, 48.0796, 56.9821)

Have a look what the booklet for
XYZ(43.3418, 48.0796, 56.9821)
contains.

XYZ(43.2235, 47.8792, 56.8327)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.2235, 47.8792,
56.8327)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BCC0
RGB	166, 188, 192
RGB Percent	65%, 74%, 75%
CMY	0.3490, 0.2627, 0.2471
CMYK	0.14, 0.02, 0.00, 0.25
HSL	189°, 17%, 70%
HSV	189°, 14%, 75%
XYZ	43.2235, 47.8792, 56.8327
YIQ	181.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

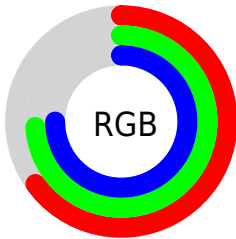
Format	Color
R_{YB}	166, 178, 192
Decimal	10927296
CIE _{Lab}	74.75, -6.66, -4.57
CIE _{LCh}	75, 8.074, 214.455
Yxy	47.8792, 0.2922, 0.3236
Android (android.graphics.Color)	4289117376 (0xFFA6BCC0)
YUV	181.8780, 4.9901, -13.9250
Hunter-Lab	69.1948, -9.5884, -0.2611

Details

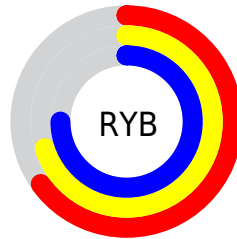
The XYZ color **43.2235, 47.8792, 56.8327** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9961, 42.7089, 42.0546**, and the grayscale version is **44.3775, 46.6885, 50.8438**.

A 20% lighter version of the original color is **79.1128, 86.8508, 101.4011**, and **20.2636, 22.7694, 27.7530** is the 20% darker color. If you saturate the color by 10%, you get **38.8715, 44.7103, 56.4512**, and if you desaturate by 10%, it is **48.1921, 51.3876, 57.2488**.

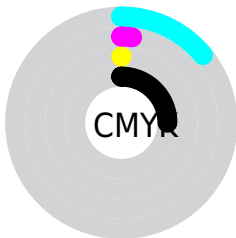
Distribution



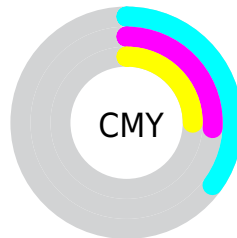
- Red (65%)
- Green (74%)
- Blue (75%)



- Red (65%)
- Yellow (70%)
- 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 43.2235, 47.8792, 56.8327 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 43.2235, 47.8792, 56.8327 by changing the saturation by 10% instead.

■ 43.2235, 47.8792,
56.8327

■ 43.2235, 47.8792,
56.8327

350.4361,
378.3131, 430.2983

■ 30.2558, 33.7312,
40.4625

■ 79.3016, 87.0245,
101.7189

■ 20.1819, 22.6872,
27.5828

■ 103.1428,
112.7907, 131.0720

■ 12.6363, 14.3627,
17.7751

131.3391,
143.1983, 165.5898

■ 7.2539, 8.3734,
10.6209

164.2560,
178.6319, 205.6909

■ 3.6691, 4.3348,
5.7016

202.2588,
219.4757, 251.7937

■ 1.5167, 1.8625,
2.5986

245.7128,

■ 0.3372, 0.5257,

266.1143, 304.3169

0.8918

294.9834,
318.9320, 363.6789

■ 0.0000, 0.0000,
0.0000

■ 43.2235, 47.8792,
56.8327

■ 43.2235, 47.8792,
56.8327

■ 38.8715, 44.7103,
56.4512

■ 48.1921, 51.3876,
57.2488

■ 35.1053, 41.8612,
56.0997

■ 53.7980, 55.2426,
57.6974

■ 31.8977, 39.3190,
55.7781

■ 60.0662, 59.4584,
58.1808

■ 29.2177, 37.0675,
55.4848

■ 67.0191, 64.0466,
58.6999

■ 27.0310, 35.0891,
55.2182

■ 72.0547, 67.6660,
59.1331

■ 25.2995, 33.3639,
54.9764

■ 72.7574, 69.0715,
59.3674

■ 23.9792, 31.8692,
54.7575

■ 73.4734, 70.5036,
59.6061

■ 23.0171, 30.5774,
54.5589

■ 74.2029, 71.9625,
59.8492

■ 22.5201, 29.8169,
54.4383

■ 74.9459, 73.4484,
60.0969

Harmonies

Analogous

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



42.7558, 47.8792, 52.7617



43.2235, 47.8792, 56.8327



44.3034, 47.8792, 59.7579

Triad

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



43.2235, 47.8792, 56.8327



48.0978, 47.8792, 55.6904



45.2892, 47.8792, 44.4933

Complementary

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



43.2235, 47.8792, 56.8327



42.9961, 42.7089, 42.0546

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.



46.7337, 47.8792, 45.1847



43.2235, 47.8792, 56.8327



48.3753, 47.8792, 51.5080

Square

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



43.2235, 47.8792, 56.8327



47.1207, 47.8792, 59.0740



47.8711, 47.8792, 47.6985



43.9320, 47.8792, 45.7569

Rectangle

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



43.2235, 47.8792, 56.8327



45.2360, 47.8792, 60.5844



47.8711, 47.8792, 47.6985



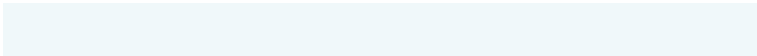
45.7806, 47.8792, 44.5053

Sweetspot

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



43.2249, 47.8812, 56.8338



86.8214, 92.7627, 103.6893



41.8225, 48.7056, 45.1782



18.4718, 19.7930, 22.2322



92.9021, 97.7402, 106.4391



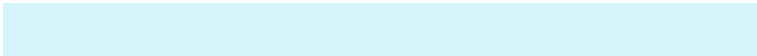
19.4759, 20.4902, 22.3138

Same Dimension

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



43.2249, 47.8812, 56.8338



76.0704, 85.1379, 102.7842



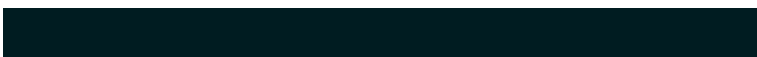
40.5905, 42.6125, 55.9556



10.2324, 11.1561, 12.8989



15.1995, 20.1555, 36.6459



0.6931, 0.9437, 1.5955

Inverse Universe

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



44.4526, 42.1107, 53.3645



78.7060, 72.8739, 95.3091



45.5348, 47.7862, 42.9009



10.4286, 10.2200, 12.3475



19.0680, 9.3169, 24.0678



0.8423, 0.4099, 1.1367

Previews

White Background



This preview shows how the XYZ color 43.2235, 47.8792, 56.8327 looks on a white background.

Color Contrast Check

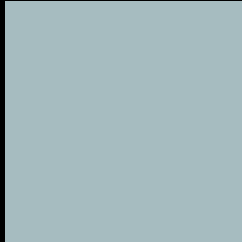
Large Text (above 18pt) WCAG AA × Fail

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 43.2235, 47.8792, 56.8327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

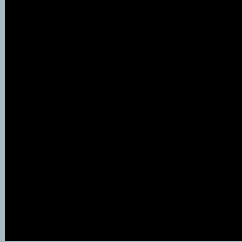
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2235, 47.8792, 56.8327

Background



This preview shows how black text looks on a background with the XYZ color 43.2235, 47.8792, 56.8327.



This preview shows how white text looks on a background with the XYZ color 43.2235, 47.8792,

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

43.2235, 47.8792, 56.8327

Protanopia

46.1264, 47.8554, 54.9500

Deuteranopia

48.6840, 47.6061, 57.6619



Tritanopia

44.4614, 48.0825, 62.1958

Trichromacy



Original Color

43.2235, 47.8792, 56.8327

Protanomaly

45.0033, 47.8806, 55.5851

Deuteranomaly

46.6033, 47.7453, 57.2116

Tritanomaly

43.8997, 47.8334, 60.3451

Monochromacy



Original Color

43.2235, 47.8792, 56.8327

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 43.2235, 47.8792, 56.8327 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, 188, 192) looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 188, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 188, 192) }
```

Border

The CSS property to change the border of an element to XYZ 43.2235, 47.8792, 56.8327 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, 188, 192) }
```


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

```
.border{ border-color:rgb(166, 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(166, 188, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 188, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 188, 192);  
box-shadow:4px 4px 4px 4px rgb(166, 188,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2235, 47.8792, 56.8327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 188, 192) }
```

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

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