

Converting Colors

XYZ(41.9203, 46.3712, 57.3955)

Have a look what the booklet for
XYZ(41.9203, 46.3712, 57.3955)
contains.

XYZ(41.8749, 46.2296, 57.1682)	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(41.8749, 46.2296,
57.1682)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B9C1
RGB	162, 185, 193
RGB Percent	64%, 73%, 76%
CMY	0.3647, 0.2745, 0.2431
CMYK	0.16, 0.04, 0.00, 0.24
HSL	195°, 20%, 70%
HSV	195°, 16%, 76%
XYZ	41.8749, 46.2296, 57.1682
YIQ	179.0350, -16.2760, -2.3880

Conversions

Conversions Part 2

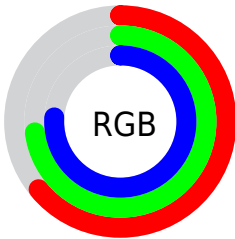
Format	Color
RYB	162, 175, 193
Decimal	10664385
CIELab	73.69, -6.15, -6.70
CIELCh	74, 9.099, 227.442
Yxy	46.2296, 0.2883, 0.3182
Android (android.graphics.Color)	4288854465 (0xFFA2B9C1)
YUV	179.0350, 6.8847, -14.9397
Hunter-Lab	67.9924, -9.0526, -2.2566

Details

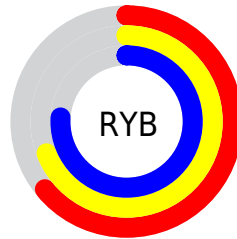
The XYZ color **41.8749, 46.2296, 57.1682** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8889, 42.6954, 40.1638**, and the grayscale version is **42.8382, 45.0691, 49.0803**.

A 20% lighter version of the original color is **77.1695, 84.5019, 101.8658**, and **19.4153, 21.7110, 27.9783** is the 20% darker color. If you saturate the color by 10%, you get **37.2282, 42.3160, 56.6584**, and if you desaturate by 10%, it is **47.1625, 50.5302, 57.7203**.

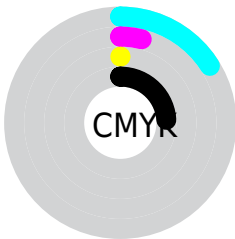
Distribution



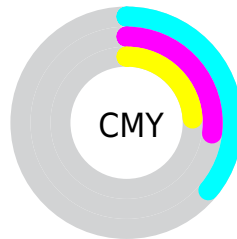
- Red (64%)
- Green (73%)
- Blue (76%)



- Red (64%)
- Yellow (69%)
- Blue (76%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8749, 46.2296, 57.1682 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 41.8749, 46.2296, 57.1682 by changing the saturation by 10% instead.

■ 41.8749, 46.2296,
57.1682

■ 41.8749, 46.2296,
57.1682

344.9645,
371.7309, 431.5907

■ 29.1940, 32.4270,
40.7300

■ 77.2766, 84.5625,
102.2133

■ 19.3727, 21.6879,
27.7901

■ 100.7282,
109.8616, 131.6574

■ 12.0455, 13.6277,
17.9298

128.5006,
139.7618, 166.2738

■ 6.8471, 7.8622,
10.7307

160.9594,
174.6473, 206.4812

■ 3.4121, 4.0069,
5.7742

198.4698,
214.9025, 252.6980

■ 1.3753, 1.6774,
2.6417

241.3973,

■ 0.2385, 0.4090,

260.9120, 305.3428

0.9139

290.1070,
313.0600, 364.8342

■ 0.0000, 0.0000,
0.0000

■ 41.8749, 46.2296,
57.1682

■ 41.8749, 46.2296,
57.1682

■ 37.2282, 42.3160,
56.6584

■ 47.1625, 50.5302,
57.7203

■ 33.1907, 38.7688,
56.1866

■ 53.1129, 55.2260,
58.3131

■ 29.7338, 35.5741,
55.7521

■ 59.7520, 60.3320,
58.9487

■ 26.8251, 32.7144,
55.3535

■ 67.1029, 65.8607,
59.6285

■ 24.4288, 30.1708,
54.9888

■ 73.8874, 71.1537,
60.2925

■ 22.5046, 27.9218,
54.6561

■ 75.1352, 73.6491,
60.7084

■ 21.0056, 25.9429,
54.3531

■ 76.4215, 76.2217,
61.1372

■ 19.8726, 24.2028,
54.0770

■ 77.7467, 78.8721,
61.5789

■ 19.4800, 23.5587,
53.9734

■ 79.1111, 81.6010,
62.0337

Harmonies

Analogous

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



41.0462, 46.2296, 53.0465



41.8749, 46.2296, 57.1682



43.2688, 46.2296, 59.5158

Triad

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



41.8749, 46.2296, 57.1682



47.0380, 46.2296, 52.2928



43.0165, 46.2296, 42.3269

Complementary

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



41.8749, 46.2296, 57.1682



42.8889, 42.6954, 40.1638

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.



44.6178, 46.2296, 42.1526



41.8749, 46.2296, 57.1682



46.9664, 46.2296, 47.7198

Square

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



41.8749, 46.2296, 57.1682



46.2648, 46.2296, 56.5875



46.0716, 46.2296, 44.0714



41.6941, 46.2296, 44.5631

Rectangle

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



41.8749, 46.2296, 57.1682



44.3429, 46.2296, 59.6699



46.0716, 46.2296, 44.0714



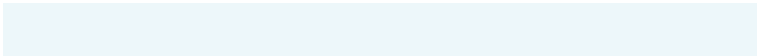
43.5393, 46.2296, 42.0304

Sweetspot

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



41.8763, 46.2315, 57.1692



85.4620, 91.2941, 103.4775



41.2031, 48.7149, 45.1385



18.1806, 19.4626, 22.1837



92.9021, 97.7402, 106.4391



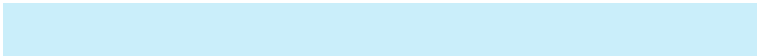
19.4759, 20.4902, 22.3138

Same Dimension

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



41.8763, 46.2315, 57.1692



72.1833, 80.4570, 102.0856



38.8547, 40.1883, 56.1620



10.1415, 10.9743, 12.8686



13.0236, 15.8036, 35.9206



0.6157, 0.7888, 1.5697

Inverse Universe

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



43.6707, 40.6819, 51.4519



75.9889, 68.8960, 89.9135



45.9160, 48.7495, 41.1729



10.3827, 10.2017, 12.1060



17.9697, 8.8776, 18.2841



0.8032, 0.3943, 0.9309

Previews

White Background



This preview shows how the XYZ color 41.8749, 46.2296, 57.1682 looks on a white background.

Color Contrast Check

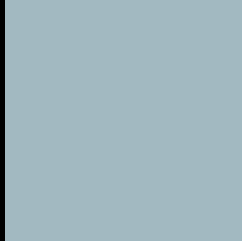
Large Text (above 18pt) WCAG AA × Fail

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 41.8749, 46.2296, 57.1682 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

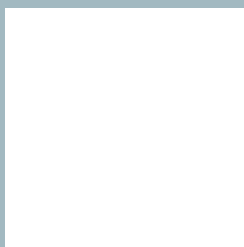
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8749, 46.2296, 57.1682

Background



This preview shows how black text looks on a background with the XYZ color 41.8749, 46.2296, 57.1682.



This preview shows how white text looks on a background with the XYZ color 41.8749, 46.2296,

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

41.8749, 46.2296, 57.1682

Protanopia

44.6716, 46.1840, 55.2752

Deuteranopia

47.1139, 46.1973, 58.0636



Tritanopia

42.5535, 46.1910, 60.7058

Trichromacy



Original Color

41.8749, 46.2296, 57.1682

Protanomaly

43.5875, 46.2162, 55.9135

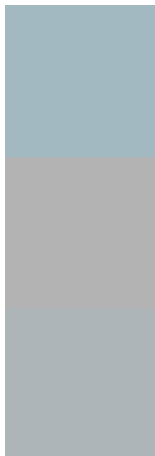
Deuteranomaly

44.9138, 45.9590, 57.5427

Tritanomaly

42.3228, 46.0987, 59.4906

Monochromacy



Original Color

41.8749, 46.2296, 57.1682

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.4092, 45.3927, 51.8739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8749, 46.2296, 57.1682 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(162, 185, 193)` looks like.

```
.text, #text, p{  
    color:rgb(162, 185, 193)  
}
```

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(162, 185, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 185, 193) }
```

Border

The CSS property to change the border of an element to XYZ 41.8749, 46.2296, 57.1682 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(162, 185, 193) }
```


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

```
.border{ border-color:rgb(162, 185, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 185, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 185, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 185, 193);  
box-shadow:4px 4px 4px 4px rgb(162, 185,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8749, 46.2296, 57.1682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 185, 193) }
```

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

```
.background{ background-color: rgb(162,  
185, 193) }
```

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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