

Converting Colors

XYZ(46.2107, 52.1623, 55.9591)

Have a look what the booklet for
XYZ(46.2107, 52.1623, 55.9591)
contains.

XYZ(46.1588, 52.0382, 55.7557)	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(46.1588, 52.0382,
55.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC4BD
RGB	173, 196, 189
RGB Percent	68%, 77%, 74%
CMY	0.3216, 0.2314, 0.2588
CMYK	0.12, 0.00, 0.04, 0.23
HSL	162°, 16%, 72%
HSV	162°, 12%, 77%
XYZ	46.1588, 52.0382, 55.7557
YIQ	188.3250, -11.4610, -7.0530

Conversions

Conversions Part 2

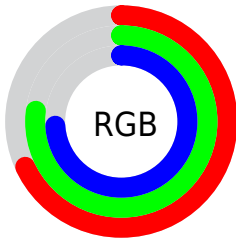
Format	Color
RYB	173, 187, 196
Decimal	11388093
CIELab	77.30, -9.16, 0.86
CIELCh	77, 9.197, 174.627
Yxy	52.0382, 0.2998, 0.3380
Android (android.graphics.Color)	4289578173 (0xFFADC4BD)
YUV	188.3250, 0.3328, -13.4400
Hunter-Lab	72.1375, -12.0234, 4.6705

Details

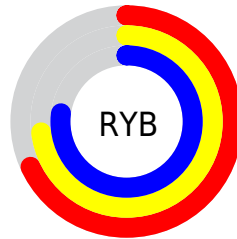
The XYZ color **46.1588, 52.0382, 55.7557** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.9486, 44.9195, 49.4309**, and the grayscale version is **47.9887, 50.4879, 54.9813**.

A 20% lighter version of the original color is **83.9198, 93.5011, 100.0107**, and **21.8627, 25.1166, 26.9883** is the 20% darker color. If you saturate the color by 10%, you get **41.5044, 49.7135, 52.2267**, and if you desaturate by 10%, it is **51.4786, 54.7057, 59.4571**.

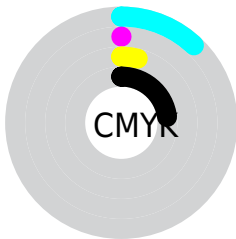
Distribution



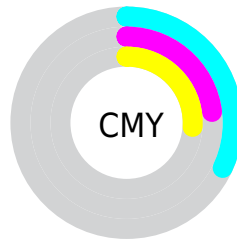
- Red (68%)
- Green (77%)
- Blue (74%)



- Red (68%)
- Yellow (73%)
- Blue (77%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)



- Cyan (32%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1588, 52.0382, 55.7557 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 46.1588, 52.0382, 55.7557 by changing the saturation by 10% instead.

■ 46.1588, 52.0382,
55.7557

■ 46.1588, 52.0382,
55.7557

362.1520,
394.5841, 426.1326

■ 32.5763, 37.0355,
39.6044

■ 83.6830, 93.1876,
100.1295

■ 21.9597, 25.2350,
26.9188

108.3554,
120.1031, 129.1891

■ 13.9438, 16.2522,
17.2804

137.4552,
151.7583, 163.3886

■ 8.1630, 9.7028,
10.2705

171.3477,
188.5376, 203.1464

■ 4.2521, 5.2024,
5.4707

210.3983,
230.8255, 248.8812

■ 1.8457, 2.3665,
2.4625

254.9723,

■ 0.5450, 0.8086,

279.0062, 301.0115

0.8202

305.4351,
333.4643, 359.9558

■ 0.0000, 0.0000,
0.0000

■ 46.1588, 52.0382,
55.7557

■ 46.1588, 52.0382,
55.7557

■ 41.5044, 49.7135,
52.2267

■ 51.4786, 54.7057,
59.4571

■ 37.4832, 47.7108,
48.8638

■ 57.4857, 57.7229,
63.3304

■ 34.0667, 46.0168,
45.6649

■ 64.2062, 61.1048,
67.3794

■ 31.2224, 44.6148,
42.6269

■ 71.6637, 64.8635,
71.6068

■ 28.9150, 43.4866,
39.7464

■ 73.7456, 65.8477,
75.7281

■ 27.1046, 42.6118,
37.0198

■ 74.5447, 66.1673,
79.9364

■ 25.7462, 41.9671,
34.4430

■ 75.3723, 66.4984,
84.2944

■ 24.7855, 41.5247,
32.0117

■ 76.2286, 66.8409,
88.8038

■ 24.2086, 41.2689,
30.1070

■ 77.1140, 67.1950,
93.4659

Harmonies

Analogous

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



46.7452, 52.0382, 51.2193



46.1588, 52.0382, 55.7557



46.4399, 52.0382, 60.8076

Triad

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



46.1588, 52.0382, 55.7557



50.8883, 52.0382, 65.9617



51.4512, 52.0382, 49.1004

Complementary

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



46.1588, 52.0382, 55.7557



45.9486, 44.9195, 49.4309

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.



52.6098, 52.0382, 52.7069



46.1588, 52.0382, 55.7557



52.2795, 52.0382, 62.4746

Square

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



46.1588, 52.0382, 55.7557



49.1437, 52.0382, 66.8970



52.9165, 52.0382, 57.5755



49.7791, 52.0382, 47.5259

Rectangle

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



46.1588, 52.0382, 55.7557



47.0849, 52.0382, 63.7653



52.9165, 52.0382, 57.5755



51.9152, 52.0382, 50.1045

Sweetspot

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



46.1603, 52.0404, 55.7569



90.9005, 97.9181, 106.1172



46.1728, 52.2366, 47.1850



19.2943, 20.8772, 22.6027



0.0000, 0.0000, 0.0000



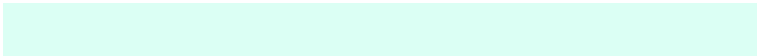
20.3446, 21.4041, 23.3091

Same Dimension

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



46.1603, 52.0404, 55.7569



81.4129, 93.1663, 99.3849



46.0011, 50.4760, 59.5454



10.2337, 11.3745, 12.2341



15.5941, 26.5317, 19.5535



0.7033, 1.1582, 1.0001

Inverse Universe

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



45.9486, 44.9195, 49.4309



80.9564, 77.8023, 85.7373



46.0744, 46.2843, 46.0413



10.1966, 10.1273, 11.1259



15.1799, 7.7617, 3.5936



0.6873, 0.3479, 0.3207

Previews

White Background



This preview shows how the XYZ color 46.1588, 52.0382, 55.7557 looks on a white background.

Color Contrast Check

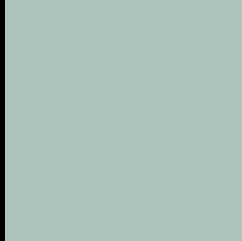
Large Text (above 18pt) WCAG AA × Fail

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 46.1588, 52.0382, 55.7557 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

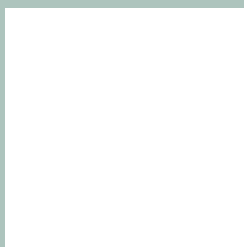
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1588, 52.0382, 55.7557

Background



This preview shows how black text looks on a background with the XYZ color 46.1588, 52.0382, 55.7557.



This preview shows how white text looks on a background with the XYZ color 46.1588, 52.0382,

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

46.1588, 52.0382, 55.7557

Protanopia

49.6761, 51.9318, 53.3046

Deuteranopia

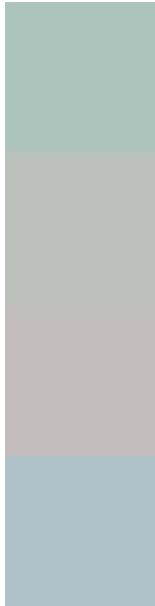
53.0474, 52.0148, 56.5342



Tritanopia

48.3596, 51.9241, 67.1480

Trichromacy



Original Color

46.1588, 52.0382, 55.7557

Protanomaly

48.2061, 51.8092, 53.9138

Deuteranomaly

50.2568, 51.8487, 56.0742

Tritanomaly

47.5136, 51.9146, 62.7746

Monochromacy



Original Color

46.1588, 52.0382, 55.7557

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.2363, 50.9597, 54.9235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1588, 52.0382, 55.7557 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, 196, 189)` looks like.

```
.text, #text, p{  
    color:rgb(173, 196, 189)  
}
```

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, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 196, 189) }
```

Border

The CSS property to change the border of an element to XYZ 46.1588, 52.0382, 55.7557 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, 196, 189) }
```


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

```
.border{ border-color:rgb(173, 196, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 196, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 196, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 196, 189);  
box-shadow:4px 4px 4px 4px rgb(173, 196,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1588, 52.0382, 55.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 196, 189) }
```

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

```
.background{ background-color: rgb(173,  
196, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor