

Converting Colors

XYZ(47.2038, 56.2799, 61.8013)

Have a look what the booklet for
XYZ(47.2038, 56.2799, 61.8013)
contains.

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Color

**XYZ(47.2038, 56.2799,
61.8013)**

Conversions

Conversions Part 1

Format	Color
Hex	A1CFC6
RGB	161, 207, 198
RGB Percent	63%, 81%, 78%
CMY	0.3686, 0.1882, 0.2235
CMYK	0.22, 0.00, 0.04, 0.19
HSL	168°, 32%, 72%
HSV	168°, 22%, 81%
XYZ	47.2038, 56.2799, 61.8013
YIQ	192.2200, -24.5270, -12.5510

Conversions

Conversions Part 2

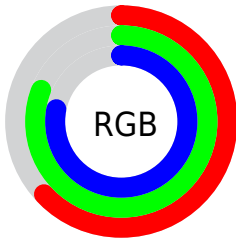
Format	Color
R_{YB}	161, 186, 207
Decimal	10604486
CIE _{Lab}	79.77, -16.86, -0.47
CIE _{LCh}	80, 16.862, 181.589
Yxy	56.2799, 0.2856, 0.3405
Android (android.graphics.Color)	4288794566 (0xFFA1CFC6)
YUV	192.2200, 2.8495, -27.3799
Hunter-Lab	75.0199, -18.9697, 3.6709

Details

The XYZ color **47.2038, 56.2799, 61.8013** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7347, 41.6589, 43.6630**, and the grayscale version is **50.2268, 52.8425, 57.5455**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **22.6096, 27.9842, 30.5954** is the 20% darker color. If you saturate the color by 10%, you get **42.9120, 54.1222, 59.1947**, and if you desaturate by 10%, it is **52.2019, 58.8033, 64.5086**.

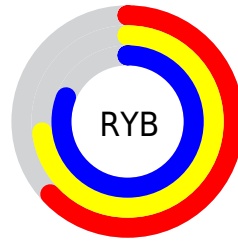
Distribution



Red (63%)

Green (81%)

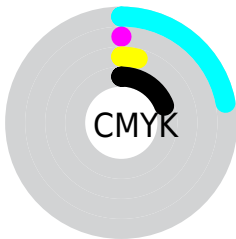
Blue (78%)



Red (63%)

Yellow (73%)

Blue (81%)

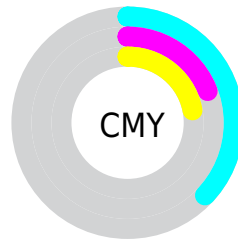


Cyan (22%)

Magenta (0%)

Yellow (4%)

Black (19%)



Cyan (37%)


Magenta (19%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2038, 56.2799, 61.8013 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 47.2038, 56.2799, 61.8013 by changing the saturation by 10% instead.


 47.2038, 56.2799,
61.8013


 47.2038, 56.2799,
61.8013


366.2628,
410.7455, 449.1936

 33.4054, 40.4274,
44.4374


 85.2346, 99.4137,
109.0071

 22.5979, 27.8719,
30.6748


 110.1978,
127.4638, 139.6861

 14.4160, 18.2291,
20.0950

139.6133,
160.3485, 175.6406

 8.4942, 11.1146,
12.2793

173.8464,
198.4522, 217.2890

 4.4672, 6.1440,
6.8094

213.2626,
242.1594, 265.0500

 1.9697, 2.9328,
3.2665

258.2271,

 0.6169, 1.0968,

291.8544, 319.3421

1.2323

309.1054,
347.9216, 380.5837

■ 0.0000, 0.0000,
0.0053

■ 0.0000, 0.0000,
0.0000

■ 47.2038, 56.2799,
61.8013

■ 47.2038, 56.2799,
61.8013

■ 42.9120, 54.1222,
59.1947

■ 52.2019, 58.8033,
64.5086

■ 39.2876, 52.3056,
56.6829

■ 57.9333, 61.7018,
67.3148

■ 36.2954, 50.8134,
54.2649

■ 64.4293, 64.9929,
70.2230

■ 33.8947, 49.6248,
51.9383

■ 71.7179, 68.6912,
73.2350

■ 32.0402, 48.7164,
49.7005

■ 76.2424, 70.9631,
76.1849

■ 30.6799, 48.0614,
47.5485

■ 76.7800, 71.1781,
79.0158

■ 29.7513, 47.6275,
45.4789

■ 77.3306, 71.3984,
81.9156

■ 29.2421, 47.3990,
43.9219

■ 77.8944, 71.6239,
84.8845

■ 78.4715, 71.8547,
87.9232

Harmonies

Analogous

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



47.9315, 56.2799, 52.7742



47.2038, 56.2799, 61.8013



48.1007, 56.2799, 71.6484

Triad

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



47.2038, 56.2799, 61.8013



57.0000, 56.2799, 78.7019



56.6722, 56.2799, 46.2060

Complementary

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



47.2038, 56.2799, 61.8013



45.7347, 41.6589, 43.6630

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.



59.2726, 56.2799, 51.9622



47.2038, 56.2799, 61.8013



59.4675, 56.2799, 70.6523

Square

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



47.2038, 56.2799, 61.8013



53.6743, 56.2799, 82.0257



60.3160, 56.2799, 60.7601



53.3108, 56.2799, 44.3639

Rectangle

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



47.2038, 56.2799, 61.8013



49.5222, 56.2799, 77.1977



60.3160, 56.2799, 60.7601



57.6692, 56.2799, 47.7149

Sweetspot

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



47.2054, 56.2822, 61.8026



88.2278, 96.5474, 105.6716



45.3684, 55.7696, 42.0926



18.7646, 20.6045, 22.5593



0.0000, 0.0000, 0.0000



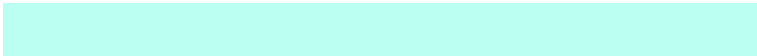
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2054, 56.2822, 61.8026



72.0021, 88.3603, 96.8920



45.0763, 50.3125, 66.3696



12.0551, 13.3658, 14.6463



18.4569, 29.8757, 27.8500



1.0580, 1.6809, 1.6940

Inverse Universe

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



45.7347, 41.6589, 43.6630



69.2119, 60.5936, 62.4613



47.4581, 46.4225, 40.1783



11.9020, 11.8455, 12.7595



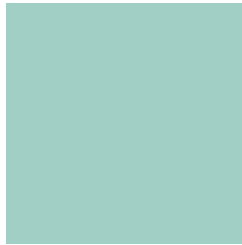
16.4860, 8.4672, 2.1996



0.9502, 0.4848, 0.2728

Previews

White Background



This preview shows how the XYZ color 47.2038, 56.2799, 61.8013 looks on a white background.

Color Contrast Check

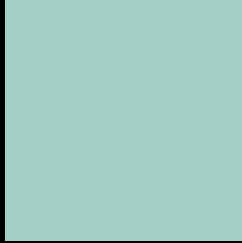
Large Text (above 18pt) WCAG AA × Fail

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 47.2038, 56.2799, 61.8013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

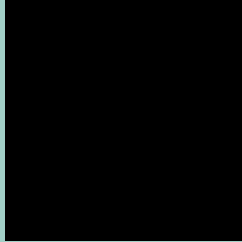
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2038, 56.2799, 61.8013

Background



This preview shows how black text looks on a background with the XYZ color 47.2038, 56.2799, 61.8013.



This preview shows how white text looks on a background with the XYZ color 47.2038, 56.2799, 61.8013.

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

47.2038, 56.2799, 61.8013

Protanopia

53.6115, 55.8422, 57.8222

Deuteranopia

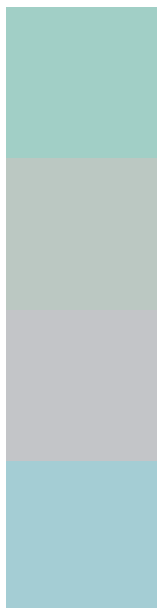
56.9050, 55.7748, 63.0247



Tritanopia

50.0282, 56.3524, 75.9505

Trichromacy



Original Color

47.2038, 56.2799, 61.8013

Protanomaly

50.8854, 55.7684, 59.1214

Deuteranomaly

52.8973, 55.7047, 62.6077

Tritanomaly

49.0248, 56.3086, 70.5721

Monochromacy



Original Color

47.2038, 56.2799, 61.8013

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

48.7599, 53.6513, 58.8248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2038, 56.2799, 61.8013 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(161, 207, 198)` looks like.

```
.text, #text, p{  
    color:rgb(161, 207, 198)  
}
```

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(161, 207, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 207, 198) }
```

Border

The CSS property to change the border of an element to XYZ 47.2038, 56.2799, 61.8013 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(161, 207, 198) }
```


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

```
.border{ border-color:rgb(161, 207, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 207, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 207, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 207, 198);  
box-shadow:4px 4px 4px 4px rgb(161, 207,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2038, 56.2799, 61.8013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 207, 198) }
```

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

```
.background{ background-color: rgb(161,  
207, 198) }
```

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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