

Converting Colors

XYZ(47.7382, 56.9295, 61.2957)

Have a look what the booklet for
XYZ(47.7382, 56.9295, 61.2957)
contains.

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Color

**XYZ(47.7382, 56.9295,
61.2957)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D0C5
RGB	163, 208, 197
RGB Percent	64%, 82%, 77%
CMY	0.3608, 0.1843, 0.2274
CMYK	0.22, 0.00, 0.05, 0.18
HSL	165°, 32%, 73%
HSV	165°, 22%, 82%
XYZ	47.7382, 56.9295, 61.2957
YIQ	193.2910, -23.2890, -12.9610

Conversions

Conversions Part 2

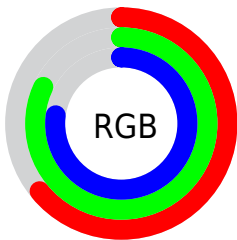
Format	Color
RYB	163, 189, 208
Decimal	10735813
CIELab	80.14, -16.95, 0.62
CIElCh	80, 16.961, 177.911
Yxy	56.9295, 0.2876, 0.3430
Android (android.graphics.Color)	4288925893 (0xFFA3D0C5)
YUV	193.2910, 1.8285, -26.5652
Hunter-Lab	75.4516, -19.1035, 4.6499

Details

The XYZ color **47.7382, 56.9295, 61.2957** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.7517, 42.6619, 45.8174**, and the grayscale version is **50.8604, 53.5091, 58.2715**.

A 20% lighter version of the original color is **82.8628, 93.7358, 107.4914**, and **22.9439, 28.4094, 30.2609** is the 20% darker color. If you saturate the color by 10%, you get **43.2520, 54.6845, 58.0958**, and if you desaturate by 10%, it is **52.9478, 59.5482, 64.6345**.

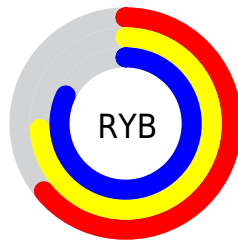
Distribution



Red (64%)

Green (82%)

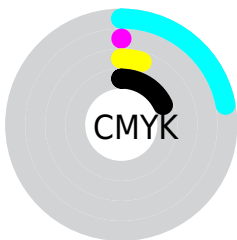
Blue (77%)



Red (64%)

Yellow (74%)

Blue (82%)

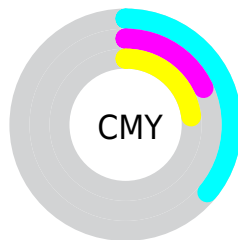


Cyan (22%)

Magenta (0%)

Yellow (5%)

Black (18%)



Cyan (36%)

Magenta (18%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7382, 56.9295, 61.2957 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 47.7382, 56.9295, 61.2957 by changing the saturation by 10% instead.

■ 47.7382, 56.9295,
61.2957

■ 47.7382, 56.9295,
61.2957

368.3534,
413.1851, 447.2939

■ 33.8300, 40.9486,
44.0317

■ 86.0265, 100.3623,
108.2687

■ 22.9253, 28.2790,
30.3581

■ 111.1374,
128.5831, 138.8148

■ 14.6587, 18.5360,
19.8562

140.7132,
161.6525, 174.6253

■ 8.6650, 11.3355,
12.1075

175.1192,
199.9552, 216.1189

■ 4.5787, 6.2930,
6.6935

214.7209,
243.8754, 263.7140

■ 2.0344, 3.0240,
3.1956

259.8836,

■ 0.6532, 1.1443,

293.7975, 317.8291

1.1954

310.9726,
350.1059, 378.8829

■ 0.0000, 0.0155,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.7382, 56.9295,
61.2957

■ 47.7382, 56.9295,
61.2957

■ 43.2520, 54.6845,
58.0958

■ 52.9478, 59.5482,
64.6345

■ 39.4499, 52.7884,
55.0284

■ 58.9080, 62.5500,
68.1108

■ 36.2963, 51.2244,
52.0920

■ 65.6505, 65.9528,
71.7283

■ 33.7502, 49.9714,
49.2836

■ 73.2037, 69.7712,
75.4893

■ 31.7660, 49.0058,
46.6001

■ 77.0394, 71.6708,
79.1828

■ 30.2914, 48.3008,
44.0379

■ 77.7332, 71.9483,
82.8367

■ 29.2638, 47.8241,
41.5931

■ 78.4479, 72.2342,
86.6000

■ 28.6554, 47.5532,
39.6331

■ 79.1834, 72.5284,
90.4734

■ 79.9401, 72.8311,
94.4580

Harmonies

Analogous

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



48.6738, 56.9295, 52.4181



47.7382, 56.9295, 61.2957



48.4486, 56.9295, 71.3269

Triad

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



47.7382, 56.9295, 61.2957



57.2798, 56.9295, 80.3667



57.7165, 56.9295, 47.2230

Complementary

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



47.7382, 56.9295, 61.2957



46.7517, 42.6619, 45.8174

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.



60.1957, 56.9295, 53.4994



47.7382, 56.9295, 61.2957



59.9361, 56.9295, 72.6539

Square

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



47.7382, 56.9295, 61.2957



53.8680, 56.9295, 83.0120



61.0245, 56.9295, 62.6826



54.3523, 56.9295, 44.8497

Rectangle

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



47.7382, 56.9295, 61.2957



49.7776, 56.9295, 77.2064



61.0245, 56.9295, 62.6826



58.6863, 56.9295, 48.9111

Sweetspot

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



47.7398, 56.9318, 61.2970



89.0469, 96.9742, 105.5058



46.6799, 56.7859, 43.1519



18.9257, 20.6890, 22.5046



0.0000, 0.0000, 0.0000



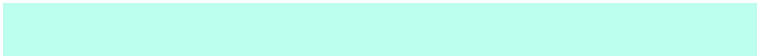
20.3446, 21.4041, 23.3091

Same Dimension

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



47.7398, 56.9318, 61.2970



72.2209, 88.5201, 94.7784



46.4008, 52.1618, 67.2999



12.0297, 13.3556, 14.5126



17.8987, 29.6524, 24.9106



1.0311, 1.6701, 1.5523

Inverse Universe

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



46.7517, 42.6619, 45.8174



70.3817, 61.9297, 65.9448



47.8096, 46.4248, 41.0924



11.9256, 11.8550, 12.8839



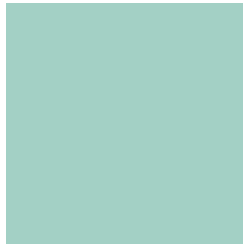
16.6152, 8.5189, 2.8800



0.9611, 0.4892, 0.3302

Previews

White Background



This preview shows how the XYZ color 47.7382, 56.9295, 61.2957 looks on a white background.

Color Contrast Check

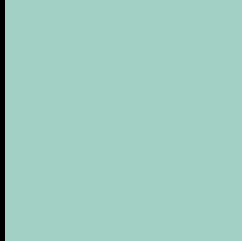
Large Text (above 18pt) WCAG AA × Fail

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 47.7382, 56.9295, 61.2957 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

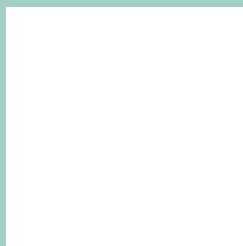
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.7382, 56.9295, 61.2957

Background



This preview shows how black text looks on a background with the XYZ color 47.7382, 56.9295, 61.2957.



This preview shows how white text looks on a background with the XYZ color 47.7382, 56.9295,

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

47.7382, 56.9295, 61.2957

Protanopia

53.9988, 56.3906, 57.3286

Deuteranopia

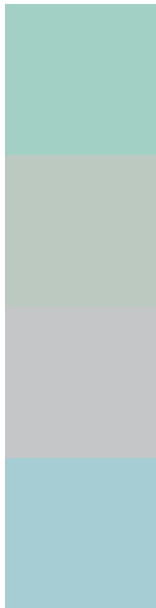
57.5939, 56.4683, 62.5075



Tritanopia

50.7925, 56.7310, 76.6797

Trichromacy



Original Color

47.7382, 56.9295, 61.2957

Protanomaly

51.2513, 56.3149, 58.6207

Deuteranomaly

53.5288, 56.3820, 62.0944

Tritanomaly

49.4409, 56.5231, 70.5916

Monochromacy



Original Color

47.7382, 56.9295, 61.2957

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.2231, 54.2283, 58.9117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7382, 56.9295, 61.2957 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(163, 208, 197)` looks like.

```
.text, #text, p{  
    color:rgb(163, 208, 197)  
}
```

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(163, 208, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 208, 197) }
```

Border

The CSS property to change the border of an element to XYZ 47.7382, 56.9295, 61.2957 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(163, 208, 197) }
```


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

```
.border{ border-color:rgb(163, 208, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 208, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 208, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 208, 197);  
box-shadow:4px 4px 4px 4px rgb(163, 208,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7382, 56.9295, 61.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 208, 197) }
```

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

```
.background{ background-color: rgb(163,  
208, 197) }
```

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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