

Converting Colors

XYZ(47.3316, 53.4066, 61.5647)

Have a look what the booklet for
XYZ(47.3316, 53.4066, 61.5647)
contains.

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Color

**XYZ(47.5268, 53.6283,
61.8792)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC7C7
RGB	171, 199, 199
RGB Percent	67%, 78%, 78%
CMY	0.3294, 0.2196, 0.2196
CMYK	0.14, 0.00, 0.00, 0.22
HSL	180°, 20%, 73%
HSV	180°, 14%, 78%
XYZ	47.5268, 53.6283, 61.8792
YIQ	190.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

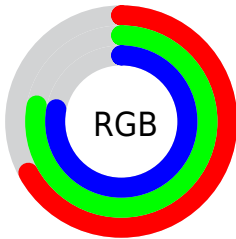
Format	Color
RYB	171, 185, 199
Decimal	11257799
CIELab	78.24, -9.37, -3.17
CIELCh	78, 9.889, 198.710
Yxy	53.6283, 0.2915, 0.3289
Android (android.graphics.Color)	4289447879 (0xFFABC7C7)
YUV	190.6280, 4.1274, -17.2138
Hunter-Lab	73.2313, -12.3092, 1.1629

Details

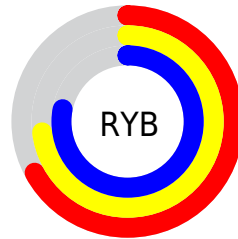
The XYZ color **47.5268, 53.6283, 61.8792** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.4687, 44.2096, 44.6673**, and the grayscale version is **49.2909, 51.8579, 56.4732**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **22.7074, 26.1467, 30.6381** is the 20% darker color. If you saturate the color by 10%, you get **43.5145, 51.5613, 61.6913**, and if you desaturate by 10%, it is **52.1949, 56.0362, 62.1000**.

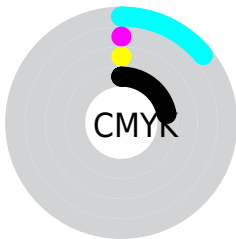
Distribution



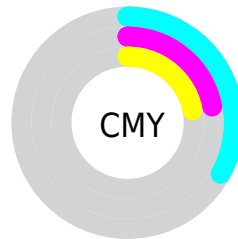
- Red (67%)
- Green (78%)
- Blue (78%)



- Red (67%)
- Yellow (73%)
- Blue (78%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5268, 53.6283, 61.8792 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 47.5268, 53.6283, 61.8792 by changing the saturation by 10% instead.

■ 47.5268, 53.6283,
61.8792

■ 47.5268, 53.6283,
61.8792

367.5273,
400.6910, 449.4858

■ 33.6620, 38.3046,
44.4999

■ 85.7134, 95.5283,
109.1208

■ 22.7957, 26.2192,
30.7237

110.7659,
122.8733, 139.8203

■ 14.5626, 16.9877,
20.1318

140.2784,
154.9942, 175.7969

■ 8.5973, 10.2257,
12.3059

174.6161,
192.2754, 217.4691

■ 4.5345, 5.5489,
6.8273

214.1445,
235.1013, 265.2556

■ 2.0087, 2.5728,
3.2775

259.2290,

■ 0.6388, 0.9130,

283.8563, 319.5749

1.2380

310.2348,
338.9247, 380.8454

■ 0.0000, 0.0000,
0.0102

■ 0.0000, 0.0000,
0.0000

■ 47.5268, 53.6283,
61.8792

■ 47.5268, 53.6283,
61.8792

■ 43.5145, 51.5613,
61.6913

■ 52.1949, 56.0362,
62.1000

■ 40.1241, 49.8136,
61.5314

■ 57.5413, 58.7923,
62.3515

■ 37.3261, 48.3712,
61.3992

■ 63.5933, 61.9122,
62.6359

■ 35.0864, 47.2166,
61.2932

■ 70.3753, 65.4084,
62.9546

■ 33.3675, 46.3305,
61.2115

■ 71.9746, 66.2329,
63.0307

■ 32.1276, 45.6913,
61.1522

■ 71.9748, 66.2330,
63.0319

■ 31.3181, 45.2740,
61.1131

■ 71.9750, 66.2331,
63.0332

■ 30.8803, 45.0484,
61.0914

■ 71.9753, 66.2332,
63.0344

■ 30.7313, 44.9716,
61.0837

■ 71.9755, 66.2333,
63.0357

Harmonies

Analogous

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



47.4079, 53.6283, 56.3295



47.5268, 53.6283, 61.8792



48.5548, 53.6283, 66.7748

Triad

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



47.5268, 53.6283, 61.8792



53.8207, 53.6283, 65.7137



51.7044, 53.6283, 48.5485

Complementary

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



47.5268, 53.6283, 61.8792



45.4687, 44.2096, 44.6673

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.



53.4683, 53.6283, 50.7421



47.5268, 53.6283, 61.8792



54.7106, 53.6283, 60.5044

Square

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



47.5268, 53.6283, 61.8792



52.1756, 53.6283, 69.0835



54.5800, 53.6283, 55.0385



49.7873, 53.6283, 48.8649

Rectangle

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



47.5268, 53.6283, 61.8792



49.6323, 53.6283, 68.8999



54.5800, 53.6283, 55.0385



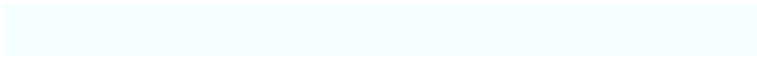
52.3358, 53.6283, 49.0109

Sweetspot

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



47.5283, 53.6305, 61.8804



91.3963, 98.1165, 108.7281



44.6721, 52.4998, 46.3080



19.4202, 20.9276, 23.2656



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.



47.5283, 53.6305, 61.8804



80.8599, 92.6848, 108.2322



44.5517, 47.6766, 60.8898



10.9467, 12.0676, 13.6696



19.7600, 28.9164, 39.2764



0.9357, 1.3692, 1.8598

Inverse Universe

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



45.4687, 44.2096, 44.6673



76.5362, 72.9082, 72.0979



48.1573, 49.5873, 45.5621



10.6339, 10.6370, 11.0557



15.1453, 7.8077, 0.7093



0.7171, 0.3697, 0.0337

Previews

White Background



This preview shows how the XYZ color 47.5268, 53.6283, 61.8792 looks on a white background.

Color Contrast Check

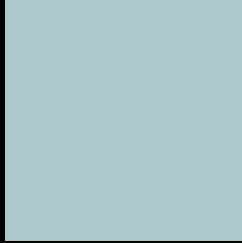
Large Text (above 18pt) WCAG AA × Fail

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 47.5268, 53.6283, 61.8792 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

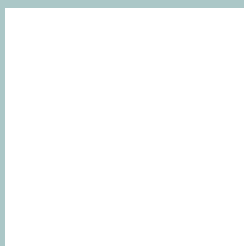
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5268, 53.6283, 61.8792

Background



This preview shows how black text looks on a background with the XYZ color 47.5268, 53.6283, 61.8792.

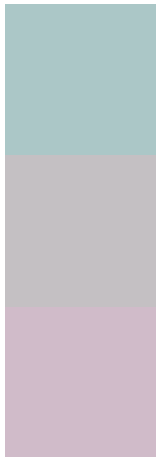


This preview shows how white text looks on a background with the XYZ color 47.5268, 53.6283,

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

47.5268, 53.6283, 61.8792

Protanopia

51.4649, 53.3752, 59.2197

Deuteranopia

54.3254, 53.1676, 62.6575



Tritanopia

49.2101, 53.6208, 70.7070

Trichromacy



Original Color

47.5268, 53.6283, 61.8792

Protanomaly

49.9724, 53.5805, 59.9328

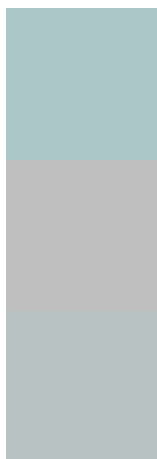
Deuteranomaly

51.5618, 53.0338, 62.1625

Tritanomaly

48.5925, 53.7129, 67.4810

Monochromacy



Original Color

47.5268, 53.6283, 61.8792

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.7966, 52.6690, 58.6332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5268, 53.6283, 61.8792 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(171, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(171, 199, 199)  
}
```

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(171, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 47.5268, 53.6283, 61.8792 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(171, 199, 199) }
```


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

```
.border{ border-color:rgb(171, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 199, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 199, 199); box-shadow:4px 4px 4px 4px rgb(171, 199, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5268, 53.6283, 61.8792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 199, 199) }
```

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

```
.background{ background-color: rgb(171,  
199, 199) }
```

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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