

Converting Colors

XYZ(47.1675, 53.1961, 57.6557)

Have a look what the booklet for
XYZ(47.1675, 53.1961, 57.6557)
contains.

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Color

**XYZ(47.1641, 53.1926,
57.6506)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC6C0
RGB	174, 198, 192
RGB Percent	68%, 78%, 75%
CMY	0.3176, 0.2235, 0.2471
CMYK	0.12, 0.00, 0.03, 0.22
HSL	165°, 17%, 73%
HSV	165°, 12%, 78%
XYZ	47.1641, 53.1926, 57.6506
YIQ	190.1400, -12.3780, -6.9540

Conversions

Conversions Part 2

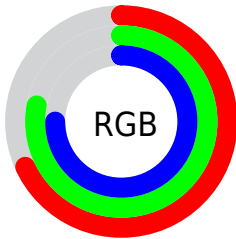
Format	Color
RYB	174, 188, 198
Decimal	11454144
CIELab	77.99, -9.28, 0.25
CIElCh	78, 9.279, 178.459
Yxy	53.1926, 0.2985, 0.3366
Android (android.graphics.Color)	4289644224 (0xFFAEC6C0)
YUV	190.1400, 0.9170, -14.1548
Hunter-Lab	72.9333, -12.2017, 4.1871

Details

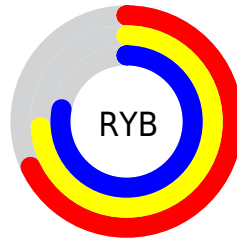
The XYZ color **47.1641, 53.1926, 57.6506** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.6649, 45.5746, 49.5197**, and the grayscale version is **49.0254, 51.5786, 56.1691**.

A 20% lighter version of the original color is **85.3364, 95.1203, 102.6693**, and **22.5186, 25.8755, 28.2337** is the 20% darker color. If you saturate the color by 10%, you get **42.5348, 50.8699, 54.6186**, and if you desaturate by 10%, it is **52.4652, 55.8624, 60.8126**.

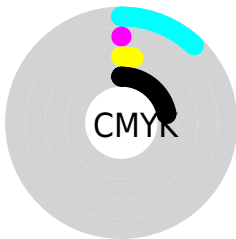
Distribution



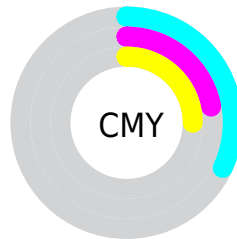
- Red (68%)
- Green (78%)
- Blue (75%)



- Red (68%)
- Yellow (74%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (32%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1641, 53.1926, 57.6506 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 47.1641, 53.1926, 57.6506 by changing the saturation by 10% instead.

■ 47.1641, 53.1926,
57.6506

■ 47.1641, 53.1926,
57.6506

366.1071,
399.0236, 433.4446

■ 33.3739, 37.9565,
41.1150

■ 85.1758, 94.8877,
102.9236

■ 22.5736, 25.9490,
28.0886

110.1279,
122.1156, 132.4981

■ 14.3980, 16.7855,
18.1528

139.5315,
154.1095, 167.2559

■ 8.4815, 10.0816,
10.8892

173.7518,
191.2538, 207.6157

■ 4.4590, 5.4531,
5.8791

213.1541,
233.9330, 253.9959

■ 1.9649, 2.5155,
2.7041

258.1039,

■ 0.6141, 0.8844,

282.5315, 306.8151

0.9455

308.9664,
337.4335, 366.4918

■ 0.0000, 0.0000,
0.0000

■ 47.1641, 53.1926,
57.6506

■ 47.1641, 53.1926,
57.6506

■ 42.5348, 50.8699,
54.6186

■ 52.4652, 55.8624,
60.8126

■ 38.5442, 48.8729,
51.7109

■ 58.4602, 58.8863,
64.1033

■ 35.1632, 47.1881,
48.9262

■ 65.1761, 62.2797,
67.5260

■ 32.3587, 45.7983,
46.2620

■ 72.6368, 66.0548,
71.0826

■ 30.0941, 44.6849,
43.7156

■ 73.9284, 66.6474,
74.4505

■ 28.3290, 43.8270,
41.2842

■ 74.5814, 66.9087,
77.8894

■ 27.0165, 43.2004,
38.9645

■ 75.2539, 67.1777,
81.4309

■ 26.1012, 42.7765,
36.7530

■ 75.9461, 67.4545,
85.0759

■ 25.5789, 42.5436,
35.0825

■ 76.6581, 67.7393,
88.8252

Harmonies

Analogous

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



47.6546, 53.1926, 52.8675



47.1641, 53.1926, 57.6506



47.5648, 53.1926, 62.7895

Triad

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



47.1641, 53.1926, 57.6506



52.2316, 53.1926, 67.1125



52.3971, 53.1926, 49.8452

Complementary

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



47.1641, 53.1926, 57.6506



46.6649, 45.5746, 49.5197

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.



53.6741, 53.1926, 53.3047



47.1641, 53.1926, 57.6506



53.5770, 53.1926, 63.2797

Square

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



47.1641, 53.1926, 57.6506



50.4646, 53.1926, 68.4436



54.1109, 53.1926, 58.1856



50.6514, 53.1926, 48.5304

Rectangle

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



47.1641, 53.1926, 57.6506



48.2890, 53.1926, 65.6884



54.1109, 53.1926, 58.1856



52.8970, 53.1926, 50.7854

Sweetspot

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



47.1656, 53.1948, 57.6518



90.9884, 97.9533, 106.5803



46.7514, 53.1979, 47.8495



19.3166, 20.8861, 22.7201



0.0000, 0.0000, 0.0000



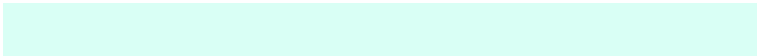
20.3446, 21.4041, 23.3091

Same Dimension

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



47.1656, 53.1948, 57.6518



80.8488, 92.8525, 100.3952



46.5879, 50.9531, 60.8082



10.8290, 12.0205, 13.0496



16.6695, 27.6802, 23.0020



0.8170, 1.3217, 1.2352

Inverse Universe

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



46.6649, 45.5746, 49.5197



79.7593, 76.2653, 82.6959



47.1711, 47.5446, 46.7362



10.7409, 10.6797, 11.6187



15.5423, 7.9665, 2.7994



0.7660, 0.3893, 0.2911

Previews

White Background



This preview shows how the XYZ color 47.1641, 53.1926, 57.6506 looks on a white background.

Color Contrast Check

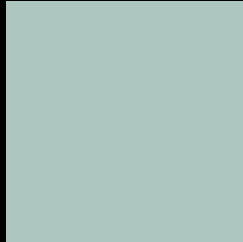
Large Text (above 18pt) WCAG AA × Fail

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 47.1641, 53.1926, 57.6506 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

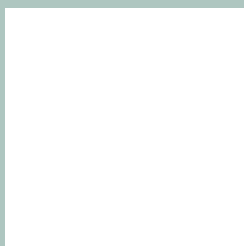
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1641, 53.1926, 57.6506

Background



This preview shows how black text looks on a background with the XYZ color 47.1641, 53.1926, 57.6506.



This preview shows how white text looks on a background with the XYZ color 47.1641, 53.1926,

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

47.1641, 53.1926, 57.6506

Protanopia

50.9527, 53.2004, 55.1602

Deuteranopia

53.8749, 52.7145, 58.3743



Tritanopia

49.4044, 53.0805, 69.2697

Trichromacy



Original Color

47.1641, 53.1926, 57.6506

Protanomaly

49.4634, 53.0765, 55.7819

Deuteranomaly

51.0651, 52.5475, 57.9033

Tritanomaly

48.5435, 53.0696, 64.8117

Monochromacy



Original Color

47.1641, 53.1926, 57.6506

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.2411, 52.0919, 56.8024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1641, 53.1926, 57.6506 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(174, 198, 192)` looks like.

```
.text, #text, p{  
    color:rgb(174, 198, 192)  
}
```

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(174, 198, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 198, 192) }
```

Border

The CSS property to change the border of an element to XYZ 47.1641, 53.1926, 57.6506 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(174, 198, 192) }
```


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

```
.border{ border-color:rgb(174, 198, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 198, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 198, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 198, 192);  
box-shadow:4px 4px 4px 4px rgb(174, 198,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1641, 53.1926, 57.6506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 198, 192) }
```

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

```
.background{ background-color: rgb(174,  
198, 192) }
```

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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