

Converting Colors

XYZ(47.9386, 53.6336, 60.3897)

Have a look what the booklet for
XYZ(47.9386, 53.6336, 60.3897)
contains.

XYZ(47.9513, 53.5333, 60.6290)	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(47.9513, 53.5333,
60.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC6C5
RGB	175, 198, 197
RGB Percent	69%, 78%, 77%
CMY	0.3137, 0.2235, 0.2274
CMYK	0.12, 0.00, 0.01, 0.22
HSL	177°, 17%, 73%
HSV	177°, 12%, 78%
XYZ	47.9513, 53.5333, 60.6290
YIQ	191.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

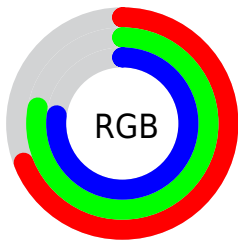
Format	Color
RYB	175, 187, 198
Decimal	11519685
CIELab	78.19, -7.95, -2.14
CIELCh	78, 8.233, 195.102
Yxy	53.5333, 0.2958, 0.3302
Android (android.graphics.Color)	4289709765 (0xFFAFC6C5)
YUV	191.0090, 2.9536, -14.0399
Hunter-Lab	73.1665, -11.0573, 2.0862

Details

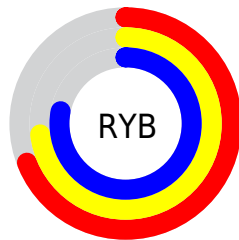
The XYZ color **47.9513, 53.5333, 60.6290** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4570, 45.8017, 47.4687**, and the grayscale version is **49.5167, 52.0954, 56.7319**.

A 20% lighter version of the original color is **86.6044, 95.6647, 107.6665**, and **22.9572, 26.0673, 29.8081** is the 20% darker color. If you saturate the color by 10%, you get **43.7308, 51.3704, 59.9177**, and if you desaturate by 10%, it is **52.8271, 56.0368, 61.3762**.

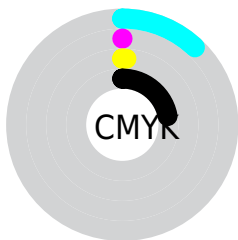
Distribution



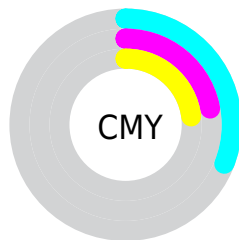
- Red (69%)
- Green (78%)
- Blue (77%)



- Red (69%)
- Yellow (73%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9513, 53.5333, 60.6290 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 47.9513, 53.5333, 60.6290 by changing the saturation by 10% instead.

■ 47.9513, 53.5333,
60.6290

■ 47.9513, 53.5333,
60.6290

369.1849,
400.3278, 444.7812

■ 33.9994, 38.2287,
43.4972

■ 86.3420, 95.3887,
107.2939

■ 23.0560, 26.1602,
29.9411

111.5116,
122.7082, 137.6640

■ 14.7558, 16.9435,
19.5422

141.1511,
154.8014, 173.2841

■ 8.7334, 10.1942,
11.8820

175.6258,
192.0528, 214.5725

■ 4.6234, 5.5279,
6.5418

215.3012,
234.8468, 261.9479

■ 2.0605, 2.5602,
3.1032

260.5426,

■ 0.6676, 0.9067,

283.5677, 315.8288

1.1476

311.7154,
338.5999, 376.6337

■ 0.0000, 0.0000,
0.0000

■ 47.9513, 53.5333,
60.6290

■ 47.9513, 53.5333,
60.6290

■ 43.7308, 51.3704,
59.9177

■ 52.8271, 56.0368,
61.3762

■ 40.1328, 49.5269,
59.2374

■ 58.3800, 58.8880,
62.1569

■ 37.1284, 47.9894,
58.5878

■ 64.6368, 62.1018,
62.9734

■ 34.6849, 46.7409,
57.9674

■ 71.6211, 65.6907,
63.8271

■ 32.7661, 45.7628,
57.3744

■ 72.0151, 65.8821,
64.3752

■ 31.3318, 45.0345,
56.8071

■ 72.1171, 65.9229,
64.9127

■ 30.3361, 44.5322,
56.2633

■ 72.2198, 65.9640,
65.4532

■ 29.7238, 44.2275,
55.7403

■ 72.3230, 66.0053,
65.9968

■ 29.4208, 44.0804,
55.3140

■ 72.4268, 66.0468,
66.5433

Harmonies

Analogous

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



47.9486, 53.5333, 56.0389



47.9513, 53.5333, 60.6290



48.7279, 53.5333, 64.7967

Triad

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



47.9513, 53.5333, 60.6290



53.1062, 53.5333, 64.7729



51.6818, 53.5333, 50.1342

Complementary

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



47.9513, 53.5333, 60.6290



46.4570, 45.8017, 47.4687

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.



53.0982, 53.5333, 52.2316



47.9513, 53.5333, 60.6290



53.9323, 53.5333, 60.5979

Square

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



47.9513, 53.5333, 60.6290



51.6925, 53.5333, 67.2737



53.9293, 53.5333, 56.0093



50.0796, 53.5333, 50.1416

Rectangle

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



47.9513, 53.5333, 60.6290



49.5896, 53.5333, 66.7055



53.9293, 53.5333, 56.0093



52.1962, 53.5333, 50.6114

Sweetspot

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



47.9528, 53.5355, 60.6302



92.2377, 98.5564, 108.4883



45.8719, 52.7331, 48.3191



19.5858, 21.0146, 23.1976



0.0000, 0.0000, 0.0000



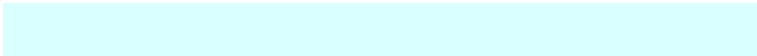
20.3446, 21.4041, 23.3091

Same Dimension

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



47.9528, 53.5355, 60.6302



82.8642, 93.7468, 107.0270



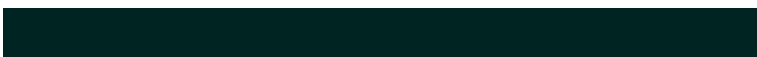
45.7823, 49.0100, 60.4755



10.9260, 12.0593, 13.5603



19.1407, 28.6687, 36.0151



0.9126, 1.3600, 1.7387

Inverse Universe

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



46.4570, 45.8017, 47.4687



79.6819, 77.2925, 79.0256



48.4507, 49.9473, 47.6455



10.6523, 10.6443, 11.1523



15.1842, 7.8233, 0.9140



0.7257, 0.3731, 0.0785

Previews

White Background



This preview shows how the XYZ color 47.9513, 53.5333, 60.6290 looks on a white background.

Color Contrast Check

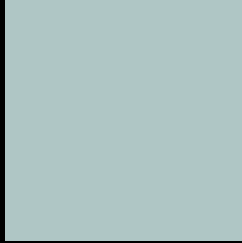
Large Text (above 18pt) WCAG AA × Fail

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 47.9513, 53.5333, 60.6290 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 47.9513, 53.5333, 60.6290

Background



This preview shows how black text looks on a background with the XYZ color 47.9513, 53.5333, 60.6290.

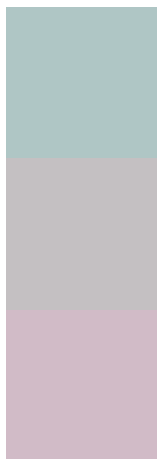


This preview shows how white text looks on a background with the XYZ color 47.9513, 53.5333,

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

47.9513, 53.5333, 60.6290

Protanopia

51.3522, 53.3301, 58.6261

Deuteranopia

54.3736, 53.2195, 61.4394



Tritanopia

49.8579, 53.6480, 69.3553

Trichromacy



Original Color

47.9513, 53.5333, 60.6290

Protanomaly

49.8812, 53.2151, 59.2723

Deuteranomaly

51.8498, 53.2091, 60.9637

Tritanomaly

49.2383, 53.7358, 66.1694

Monochromacy



Original Color

47.9513, 53.5333, 60.6290

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.9250, 52.7481, 58.0549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9513, 53.5333, 60.6290 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(175, 198, 197)` looks like.

```
.text, #text, p{  
    color:rgb(175, 198, 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(175, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 198, 197) }
```

Border

The CSS property to change the border of an element to XYZ 47.9513, 53.5333, 60.6290 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(175, 198, 197) }
```


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

```
.border{ border-color:rgb(175, 198, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 198, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(175, 198,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9513, 53.5333, 60.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 198, 197) }
```

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

```
.background{ background-color: rgb(175,  
198, 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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