

Converting Colors

XYZ(47.9909, 53.0440, 63.1029)

Have a look what the booklet for
XYZ(47.9909, 53.0440, 63.1029)
contains.

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Color

**XYZ(47.9644, 53.1482,
62.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC5C9
RGB	174, 197, 201
RGB Percent	68%, 77%, 79%
CMY	0.3176, 0.2274, 0.2118
CMYK	0.13, 0.02, 0.00, 0.21
HSL	189°, 20%, 74%
HSV	189°, 13%, 79%
XYZ	47.9644, 53.1482, 62.9890
YIQ	190.5790, -14.9920, -3.6320

Conversions

Conversions Part 2

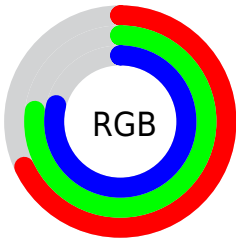
Format	Color
RYB	174, 186, 201
Decimal	11453897
CIELab	77.96, -6.94, -4.64
CIELCh	78, 8.347, 213.797
Yxy	53.1482, 0.2923, 0.3239
Android (android.graphics.Color)	4289643977 (0xFFAEC5C9)
YUV	190.5790, 5.1376, -14.5398
Hunter-Lab	72.9028, -10.1408, -0.1954

Details

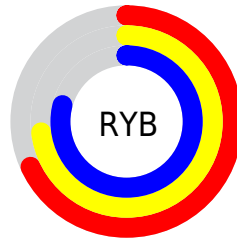
The XYZ color **47.9644, 53.1482, 62.9890** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6481, 47.3141, 46.6665**, and the grayscale version is **49.2562, 51.8214, 56.4335**.

A 20% lighter version of the original color is **86.1249, 94.9266, 108.3911**, and **22.9741, 25.8165, 31.3760** is the 20% darker color. If you saturate the color by 10%, you get **43.1486, 49.6738, 62.5730**, and if you desaturate by 10%, it is **53.4667, 56.9992, 63.4432**.

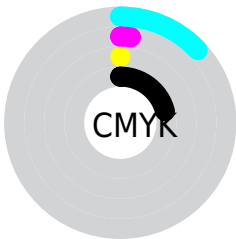
Distribution



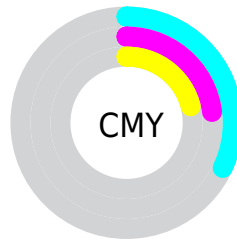
- Red (68%)
- Green (77%)
- Blue (79%)



- Red (68%)
- Yellow (73%)
- Blue (79%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (32%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9644, 53.1482, 62.9890 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 47.9644, 53.1482, 62.9890 by changing the saturation by 10% instead.

■ 47.9644, 53.1482,
62.9890

■ 47.9644, 53.1482,
62.9890

369.2359,
398.8534, 453.6364

■ 34.0098, 37.9211,
45.3914

■ 86.3614, 94.8224,
110.7391

■ 23.0641, 25.9215,
31.4206

111.5346,
122.0383, 141.7286

■ 14.7618, 16.7649,
20.6582

141.1780,
154.0192, 178.0191

■ 8.7376, 10.0670,
12.6856

175.6569,
191.1496, 220.0293

■ 4.6262, 5.4434,
7.0842

215.3369,
233.8138, 268.1775

■ 2.0621, 2.5097,
3.4356

260.5831,

■ 0.6685, 0.8815,

282.3963, 322.8824

1.3211

311.7610,
337.2813, 384.5626

■ 0.0000, 0.0000,
0.0790

■ 0.0000, 0.0000,
0.0000

■ 47.9644, 53.1482,
62.9890

■ 47.9644, 53.1482,
62.9890

■ 43.1486, 49.6738,
62.5730

■ 53.4667, 56.9992,
63.4432

■ 38.9850, 46.5538,
62.1903

■ 59.6788, 61.2346,
63.9333

■ 35.4431, 43.7739,
61.8404

■ 66.6286, 65.8703,
64.4617

■ 32.4882, 41.3161,
61.5217

■ 74.3409, 70.9193,
65.0298

■ 30.0822, 39.1606,
61.2325

■ 75.2970, 72.5055,
65.2856

■ 28.1823, 37.2852,
60.9706

■ 76.0472, 74.0060,
65.5357

■ 26.7392, 35.6644,
60.7338

■ 76.8112, 75.5340,
65.7903

■ 25.6934, 34.2675,
60.5193

■ 77.5891, 77.0898,
66.0496

■ 25.1519, 33.4353,
60.3872

■ 78.3809, 78.6733,
66.3136

Harmonies

Analogous

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



47.4629, 53.1482, 58.4637



47.9644, 53.1482, 62.9890



49.1491, 53.1482, 66.2719

Triad

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



47.9644, 53.1482, 62.9890



53.3703, 53.1482, 61.9097



50.3092, 53.1482, 49.3949

Complementary

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



47.9644, 53.1482, 62.9890



47.6481, 47.3141, 46.6665

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.



51.9075, 53.1482, 50.2088



47.9644, 53.1482, 62.9890



53.6968, 53.1482, 57.2791

Square

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



47.9644, 53.1482, 62.9890



52.2731, 53.1482, 65.6257



53.1560, 53.1482, 53.0349



48.7982, 53.1482, 50.7496

Rectangle

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



47.9644, 53.1482, 62.9890



50.1790, 53.1482, 67.2254



53.1560, 53.1482, 53.0349



50.8540, 53.1482, 49.4244

Sweetspot

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



47.9659, 53.1504, 62.9902



90.9166, 97.1568, 108.5691



46.3389, 53.9712, 49.8853



19.2983, 20.6837, 23.2252



0.0000, 0.0000, 0.0000



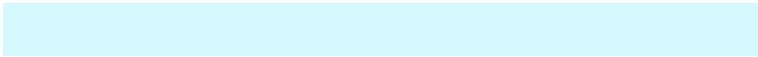
20.3446, 21.4041, 23.3091

Same Dimension

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



47.9659, 53.1504, 62.9902



79.7032, 89.2727, 107.6383



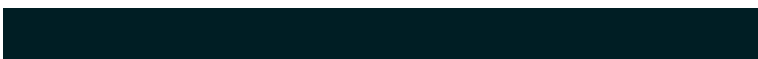
45.1188, 47.4561, 62.0411



10.8078, 11.7896, 13.6235



15.8671, 21.1281, 37.9862



0.7887, 1.0752, 1.8111

Inverse Universe

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



49.3027, 46.7219, 59.2456



82.4298, 76.2915, 99.9708



50.3809, 52.7797, 47.5774



11.0130, 10.7886, 13.0517



19.8083, 9.6729, 25.2641



0.9568, 0.4656, 1.2957

Previews

White Background



This preview shows how the XYZ color 47.9644, 53.1482, 62.9890 looks on a white background.

Color Contrast Check

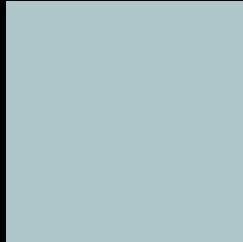
Large Text (above 18pt) WCAG AA × Fail

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 47.9644, 53.1482, 62.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

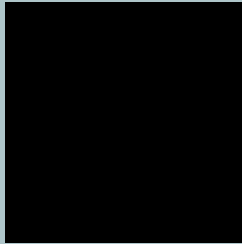
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9644, 53.1482, 62.9890

Background



This preview shows how black text looks on a background with the XYZ color 47.9644, 53.1482, 62.9890.



This preview shows how white text looks on a background with the XYZ color 47.9644, 53.1482,

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

47.9644, 53.1482, 62.9890

Protanopia

51.0720, 52.8082, 60.9273

Deuteranopia

54.0034, 52.9743, 63.8787



Tritanopia

49.1775, 52.9635, 69.2591

Trichromacy



Original Color

47.9644, 53.1482, 62.9890

Protanomaly

49.8723, 52.8282, 61.6012

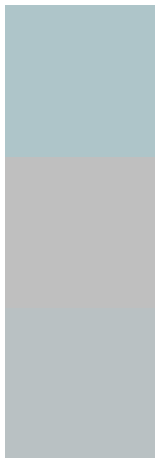
Deuteranomaly

51.5396, 52.9952, 63.3898

Tritanomaly

48.6816, 53.0988, 66.7148

Monochromacy



Original Color

47.9644, 53.1482, 62.9890

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.9279, 52.3943, 59.1641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9644, 53.1482, 62.9890 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, 197, 201)` looks like.

```
.text, #text, p{  
    color:rgb(174, 197, 201)  
}
```

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, 197, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 197, 201) }
```

Border

The CSS property to change the border of an element to XYZ 47.9644, 53.1482, 62.9890 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, 197, 201) }
```


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

```
.border{ border-color:rgb(174, 197, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 197, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 197, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 197, 201);  
box-shadow:4px 4px 4px 4px rgb(174, 197,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9644, 53.1482, 62.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 197, 201) }
```

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

```
.background{ background-color: rgb(174,  
197, 201) }
```

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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