

Converting Colors

XYZ(56.8594, 52.8814, 50.1135)

Have a look what the booklet for
XYZ(56.8594, 52.8814, 50.1135)
contains.

XYZ(56.9737, 52.9604, 49.8674)	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(56.9737, 52.9604,
49.8674)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B5B3
RGB	229, 181, 179
RGB Percent	90%, 71%, 70%
CMY	0.1020, 0.2902, 0.2980
CMYK	0.00, 0.21, 0.22, 0.10
HSL	2°, 49%, 80%
HSV	2°, 22%, 90%
XYZ	56.9737, 52.9604, 49.8674
YIQ	195.1240, 29.2500, 9.5540

Conversions

Conversions Part 2

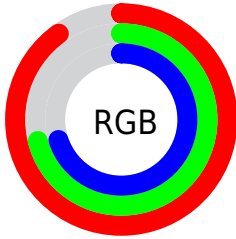
Format	Color
R _Y B	229, 181, 179
Decimal	15054259
CIE Lab	77.85, 17.05, 7.65
CIE LCh	78, 18.687, 24.164
Yxy	52.9604, 0.3565, 0.3314
Android (android.graphics.Color)	4293244339 (0xFFE5B5B3)
YUV	195.1240, -7.9491, 29.7093
Hunter-Lab	72.7739, 12.3909, 10.3140

Details

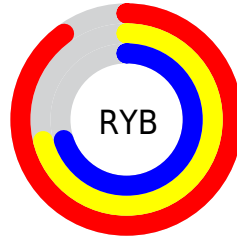
The XYZ color **56.9737, 52.9604, 49.8674** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.2019, 70.1774, 84.5019**, and the grayscale version is **51.9805, 54.6876, 59.5547**.

A 20% lighter version of the original color is **86.5196, 87.8265, 90.9894**, and **28.7186, 25.8289, 23.2105** is the 20% darker color. If you saturate the color by 10%, you get **50.7248, 43.8661, 37.2910**, and if you desaturate by 10%, it is **64.3154, 63.6238, 64.7068**.

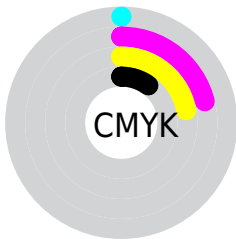
Distribution



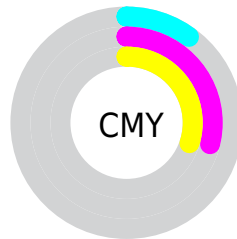
- Red (90%)
- Green (71%)
- Blue (70%)



- Red (90%)
- Yellow (71%)
- Blue (70%)



- Cyan (0%)
- Magenta (21%)
- Yellow (22%)
- Black (10%)



- Cyan (10%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9737, 52.9604, 49.8674 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 56.9737, 52.9604, 49.8674 by changing the saturation by 10% instead.

■ 56.9737, 52.9604,
49.8674

■ 56.9737, 52.9604,
49.8674

403.3665,
398.1332, 402.8674

■ 41.2242, 37.7712,
34.9376

■ 99.5584, 94.5461,
91.3727

■ 28.6827, 25.8051,
23.3316

127.1243,
121.7113, 118.7852

■ 18.9840, 16.6779,
14.6310

159.3597,
153.6374, 151.1958

■ 11.7627, 10.0051,
8.4171

196.6299,
190.7086, 189.0228

■ 6.6533, 5.4024,
4.2714

239.3004,
233.3094, 232.6850

■ 3.2906, 2.4852,
1.7754

287.7364,

■ 1.3093, 0.8692,

281.8241, 282.6008

0.4116

342.3033,
336.6373, 339.1887

■ 0.1901, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9737, 52.9604,
49.8674

■ 56.9737, 52.9604,
49.8674

■ 50.7248, 43.8661,
37.2910

■ 64.3154, 63.6238,
64.7068

■ 45.5124, 36.2602,
26.8634

■ 72.7939, 75.9177,
81.9092

■ 41.2817, 30.0654,
18.4654

■ 82.4564, 89.9091,
101.5727

■ 37.9712, 25.1950,
11.9648

■ 86.1233, 95.3981,
108.4822

■ 35.5123, 21.5525,
7.2139

■ 33.8272, 19.0285,
4.0432

■ 32.8233, 17.4940,
2.2495

■ 32.4130, 16.8574,
1.5454

Harmonies

Analogous

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



57.6006, 52.9604, 59.7201



56.9737, 52.9604, 49.8674



54.5327, 52.9604, 42.9379

Triad

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



56.9737, 52.9604, 49.8674



44.8912, 52.9604, 46.7416



49.6313, 52.9604, 79.9098

Complementary

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



56.9737, 52.9604, 49.8674



60.2019, 70.1774, 84.5019

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.



46.3627, 52.9604, 75.4244



56.9737, 52.9604, 49.8674



43.7118, 52.9604, 55.6573

Square

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



56.9737, 52.9604, 49.8674



47.5354, 52.9604, 41.2907



44.2373, 52.9604, 66.2355



53.2471, 52.9604, 77.8801

Rectangle

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



56.9737, 52.9604, 49.8674



52.2649, 52.9604, 40.5015



44.2373, 52.9604, 66.2355



48.4576, 52.9604, 79.0988

Sweetspot

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



56.9751, 52.9628, 49.8685



87.0834, 88.4540, 92.7192



62.3450, 54.4634, 80.1416



18.4998, 18.7303, 19.5625



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.



56.9751, 52.9628, 49.8685



69.1016, 62.3388, 56.3641



62.4416, 63.8957, 51.6906



14.4231, 14.4601, 14.9353



18.5527, 9.6795, 0.8905



1.3874, 0.7482, 0.0713

Inverse Universe

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



60.2019, 70.1774, 84.5019



73.8800, 87.8367, 107.6680



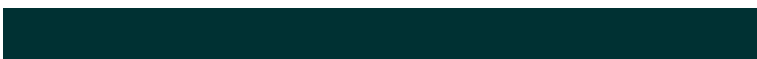
53.9328, 57.6392, 82.4122



14.7553, 16.2321, 18.4997



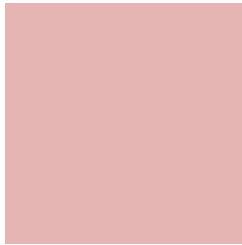
22.7144, 32.4910, 47.4574



1.6940, 2.4319, 3.5121

Previews

White Background



This preview shows how the XYZ color 56.9737, 52.9604, 49.8674 looks on a white background.

Color Contrast Check

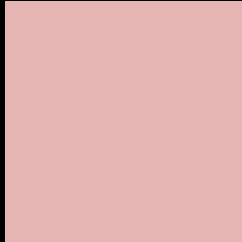
Large Text (above 18pt) WCAG AA × Fail

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 56.9737, 52.9604, 49.8674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

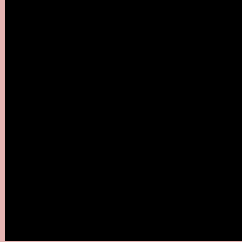
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9737, 52.9604, 49.8674

Background



This preview shows how black text looks on a background with the XYZ color 56.9737, 52.9604, 49.8674.



This preview shows how white text looks on a background with the XYZ color 56.9737, 52.9604,

49.8674.

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

56.9737, 52.9604, 49.8674

Protanopia

50.8953, 53.2078, 53.4866

Deuteranopia

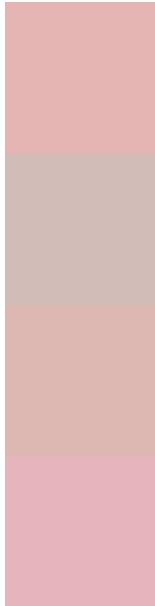
54.2101, 53.0839, 49.5085



Tritanopia

58.7007, 53.0794, 57.6036

Trichromacy



Original Color

56.9737, 52.9604, 49.8674

Protanomaly

52.8250, 52.9406, 52.2341

Deuteranomaly

54.9952, 52.8675, 49.4254

Tritanomaly

58.0315, 53.0964, 54.7670

Monochromacy



Original Color

56.9737, 52.9604, 49.8674

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.3309, 53.7664, 55.7112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9737, 52.9604, 49.8674 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(229, 181, 179)` looks like.

```
.text, #text, p{  
    color:rgb(229, 181, 179)  
}
```

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(229, 181, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 181, 179) }
```

Border

The CSS property to change the border of an element to XYZ 56.9737, 52.9604, 49.8674 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(229, 181, 179) }
```


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

```
.border{ border-color:rgb(229, 181, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 181, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 181, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 181, 179);  
box-shadow:4px 4px 4px 4px rgb(229, 181,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9737, 52.9604, 49.8674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 181, 179) }
```

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

```
.background{ background-color: rgb(229,  
181, 179) }
```

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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