

Converting Colors

XYZ(53.8020, 48.3024, 47.6211)

Have a look what the booklet for
XYZ(53.8020, 48.3024, 47.6211)
contains.

XYZ(53.5752, 48.0528, 47.5257)	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(53.5752, 48.0528,
47.5257)**

Conversions

Conversions Part 1

Format	Color
Hex	E2AAB0
RGB	226, 170, 176
RGB Percent	89%, 67%, 69%
CMY	0.1137, 0.3333, 0.3098
CMYK	0.00, 0.25, 0.22, 0.11
HSL	354°, 49%, 78%
HSV	354°, 25%, 89%
XYZ	53.5752, 48.0528, 47.5257
YIQ	187.4280, 31.4500, 13.7380

Conversions

Conversions Part 2

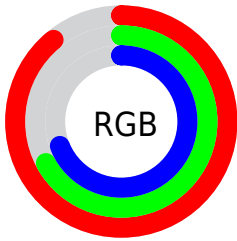
Format	Color
R _Y B	226, 170, 176
Decimal	14854832
CIE Lab	74.86, 21.40, 4.94
CIE LCh	75, 21.960, 13.001
Yxy	48.0528, 0.3592, 0.3222
Android (android.graphics.Color)	4293044912 (0xFFE2AAB0)
YUV	187.4280, -5.6340, 33.8276
Hunter-Lab	69.3201, 16.6464, 7.8750

Details

The XYZ color **53.5752, 48.0528, 47.5257** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.6941, 68.1071, 77.8714**, and the grayscale version is **47.4953, 49.9688, 54.4160**.

A 20% lighter version of the original color is **83.0018, 81.4789, 87.6963**, and **26.5769, 22.7239, 22.0542** is the 20% darker color. If you saturate the color by 10%, you get **47.8467, 39.5569, 36.4865**, and if you desaturate by 10%, it is **60.3315, 58.1284, 60.3730**.

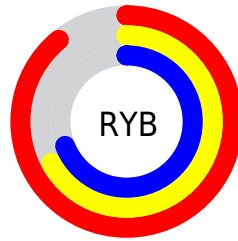
Distribution



Red (89%)

Green (67%)

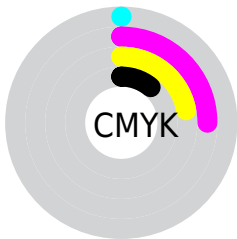
Blue (69%)



Red (89%)

Yellow (67%)

Blue (69%)

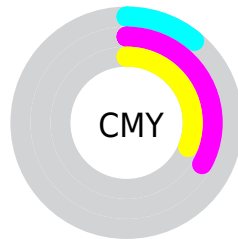


Cyan (0%)

Magenta (25%)

Yellow (22%)

Black (11%)



Cyan (11%)


Magenta (33%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5752, 48.0528, 47.5257 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 53.5752, 48.0528, 47.5257 by changing the saturation by 10% instead.


 53.5752, 48.0528,
47.5257

 53.5752, 48.0528,
47.5257


390.7129,
379.0014, 393.3634

 38.4915, 33.8687,
33.0941


 94.6108, 87.2830,
87.8560

 26.5433, 22.7928,
21.9268

121.2933,
113.0979, 114.5918

 17.3653, 14.4406,
13.6054


152.5729,
143.5585, 146.2660

 10.5922, 8.4277,
7.7111

188.8148,
179.0493, 183.2973

 5.8586, 4.3698,
3.8255

230.3844,
219.9546, 226.1041

 2.7991, 1.8825,
1.5301

277.6470,

 1.0484, 0.5378,

266.6587, 275.1050

0.2402

330.9681,
319.5462, 330.7186

■ 0.0000, 0.0000,
0.0000

■ 53.5752, 48.0528,
47.5257

■ 53.5752, 48.0528,
47.5257

■ 47.8467, 39.5569,
36.4865

■ 60.3315, 58.1284,
60.3730

■ 43.0916, 32.5542,
27.1714

■ 68.1585, 69.8511,
75.1014

■ 39.2568, 26.9604,
19.4938

■ 77.1013, 83.2925,
91.7835

■ 36.2823, 22.6799,
13.3588

■ 85.1741, 94.9088,
108.4378

■ 34.1010, 19.6050,
8.6615

■ 32.6355, 17.6113,
5.2836

■ 31.7928, 16.5469,
3.0881

■ 31.5311, 16.2356,
2.3469

Harmonies

Analogous

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



53.4211, 48.0528, 59.0213



53.5752, 48.0528, 47.5257



51.5252, 48.0528, 38.7037

Triad

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



53.5752, 48.0528, 47.5257



40.6307, 48.0528, 37.8227



43.4632, 48.0528, 76.3103

Complementary

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



53.5752, 48.0528, 47.5257



56.6941, 68.1071, 77.8714

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.



40.2812, 48.0528, 68.8084



53.5752, 48.0528, 47.5257



38.7124, 48.0528, 46.1486

Square

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



53.5752, 48.0528, 47.5257



43.9660, 48.0528, 33.6770



38.5883, 48.0528, 57.4292



47.4231, 48.0528, 76.8224

Rectangle

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



53.5752, 48.0528, 47.5257



49.2501, 48.0528, 35.0628



38.5883, 48.0528, 57.4292



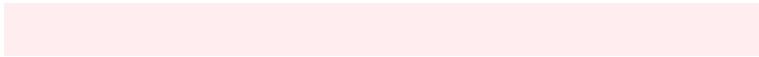
42.2729, 48.0528, 74.4774

Sweetspot

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



53.5765, 48.0550, 47.5267



87.1567, 88.1509, 94.1300



57.4576, 49.3753, 78.4538



18.5167, 18.6605, 19.8879



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.



53.5765, 48.0550, 47.5267



66.1967, 56.8748, 54.3295



57.3539, 56.5384, 45.9231



13.7666, 13.7243, 14.5411



18.0094, 9.2707, 1.4492



1.2687, 0.6507, 0.2077

Inverse Universe

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



53.5765, 48.0550, 47.5267



66.1967, 56.8748, 54.3295



52.0267, 57.4785, 80.3041



13.7666, 13.7243, 14.5411



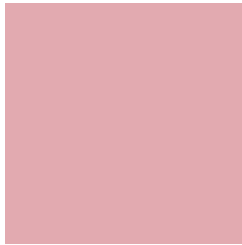
18.0094, 9.2707, 1.4492



1.2687, 0.6507, 0.2077

Previews

White Background



This preview shows how the XYZ color 53.5752, 48.0528, 47.5257 looks on a white background.

Color Contrast Check

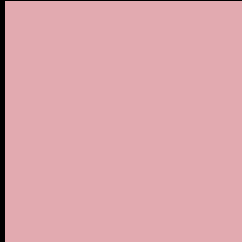
Large Text (above 18pt) WCAG AA × Fail

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 53.5752, 48.0528, 47.5257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

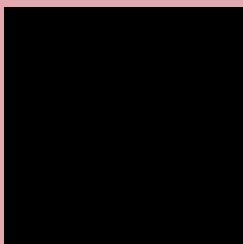
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5752, 48.0528, 47.5257

Background



This preview shows how black text looks on a background with the XYZ color 53.5752, 48.0528, 47.5257.



This preview shows how white text looks on a background with the XYZ color 53.5752, 48.0528,

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

53.5752, 48.0528, 47.5257

Protanopia

46.5313, 48.4330, 52.2435

Deuteranopia

49.0140, 48.0186, 46.7296



Tritanopia

54.3100, 48.0842, 50.6747

Trichromacy



Original Color

53.5752, 48.0528, 47.5257

Protanomaly

48.8177, 48.1330, 50.4337

Deuteranomaly

50.5084, 47.9012, 47.1412

Tritanomaly

54.1047, 48.0021, 49.5937

Monochromacy



Original Color

53.5752, 48.0528, 47.5257

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.1585, 48.8842, 51.6444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5752, 48.0528, 47.5257 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(226, 170, 176)` looks like.

```
.text, #text, p{  
    color:rgb(226, 170, 176)  
}
```

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(226, 170, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 170, 176) }
```

Border

The CSS property to change the border of an element to XYZ 53.5752, 48.0528, 47.5257 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(226, 170, 176) }
```


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

```
.border{ border-color:rgb(226, 170, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 170, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 170, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 170, 176);  
box-shadow:4px 4px 4px 4px rgb(226, 170,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5752, 48.0528, 47.5257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 170, 176) }
```

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

```
.background{ background-color: rgb(226,  
170, 176) }
```

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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