

Converting Colors

XYZ(54.9466, 53.2366, 45.9346)

Have a look what the booklet for
XYZ(54.9466, 53.2366, 45.9346)
contains.

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Color

**XYZ(54.8238, 53.1678,
45.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB9AB
RGB	222, 185, 171
RGB Percent	87%, 73%, 67%
CMY	0.1294, 0.2745, 0.3294
CMYK	0.00, 0.17, 0.23, 0.13
HSL	16°, 44%, 77%
HSV	16°, 23%, 87%
XYZ	54.8238, 53.1678, 45.9010
YIQ	194.4670, 26.5460, 3.4900

Conversions

Conversions Part 2

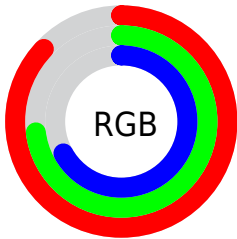
Format	Color
R _Y B	222, 190, 171
Decimal	14596523
CIE Lab	77.97, 11.15, 12.06
CIE LCh	78, 16.426, 47.246
Yxy	53.1678, 0.3562, 0.3455
Android (android.graphics.Color)	4292786603 (0xFFDEB9AB)
YUV	194.4670, -11.5692, 24.1464
Hunter-Lab	72.9163, 6.6060, 13.7181

Details

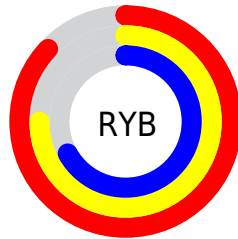
The XYZ color **54.8238, 53.1678, 45.9010** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.5347, 59.0419, 77.7347**, and the grayscale version is **51.6115, 54.2994, 59.1320**.

A 20% lighter version of the original color is **86.4228, 89.6616, 84.7030**, and **27.3069, 25.9414, 21.0207** is the 20% darker color. If you saturate the color by 10%, you get **49.7029, 46.0326, 34.6163**, and if you desaturate by 10%, it is **60.6846, 61.2133, 59.1869**.

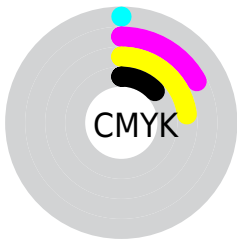
Distribution



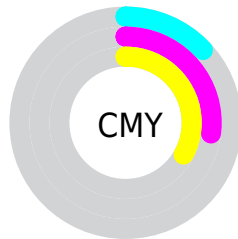
- Red (87%)
- Green (73%)
- Blue (67%)



- Red (87%)
- Yellow (75%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8238, 53.1678, 45.9010 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 54.8238, 53.1678, 45.9010 by changing the saturation by 10% instead.


 54.8238, 53.1678,
45.9010

 54.8238, 53.1678,
45.9010

395.3910,
398.9286, 386.6765

 39.4940, 37.9367,
31.8196


 96.4326, 94.8512,
85.4035

 27.3267, 25.9336,
20.9601


123.4422,
122.0724, 111.6618

 17.9566, 16.7740,
12.9039


155.0758,
154.0591, 142.8160

 11.0183, 10.0735,
7.2324

191.6988,
191.1956, 179.2848

 6.1465, 5.4477,
3.5272

233.6764,
233.8664, 221.4867

 2.9759, 2.5123,
1.3697

281.3741,

 1.1410, 0.8828,

282.4560, 269.8403

0.1180

335.1571,
337.3485, 324.7640

■ 0.0590, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8238, 53.1678,
45.9010

■ 54.8238, 53.1678,
45.9010

■ 49.7029, 46.0326,
34.6163

■ 60.6846, 61.2133,
59.1869

■ 45.2872, 39.7679,
25.2318

■ 67.3096, 70.1924,
74.5617

■ 41.5456, 34.3416,
17.6428

■ 74.7273, 80.1370,
92.1118

■ 38.4426, 29.7171,
11.7327

■ 82.1804, 90.7618,
107.7952

■ 35.9393, 25.8546,
7.3714

■ 83.9343, 94.2696,
108.3798

■ 33.9921, 22.7106,
4.4090

■ 32.5502, 20.2366,
2.6652

■ 31.7909, 18.8629,
1.9653

Harmonies

Analogous

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



56.6361, 53.1678, 52.8261



54.8238, 53.1678, 45.9010



51.9038, 53.1678, 42.3603

Triad

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



54.8238, 53.1678, 45.9010



44.7723, 53.1678, 54.0900



52.3790, 53.1678, 76.3866

Complementary

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



54.8238, 53.1678, 45.9010



52.5347, 59.0419, 77.7347

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.



49.1893, 53.1678, 76.8170



54.8238, 53.1678, 45.9010



44.8875, 53.1678, 63.2691

Square

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



54.8238, 53.1678, 45.9010



46.1533, 53.1678, 46.7420



46.4748, 53.1678, 71.8051



55.1843, 53.1678, 70.6846

Rectangle

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



54.8238, 53.1678, 45.9010



49.7630, 53.1678, 42.1222



46.4748, 53.1678, 71.8051



51.3138, 53.1678, 77.1724

Sweetspot

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



54.8252, 53.1702, 45.9021



88.3155, 90.9182, 93.1299



56.1220, 49.2298, 66.4776



18.7842, 19.2992, 19.6573



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.



54.8252, 53.1702, 45.9021



71.2545, 67.5133, 54.4037



60.5465, 64.6128, 47.8092



14.0120, 14.3100, 14.3304



18.9631, 11.3641, 1.1940



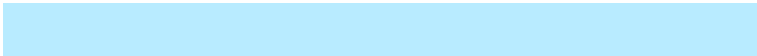
1.3881, 0.9351, 0.1073

Inverse Universe

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



52.5347, 59.0419, 77.7347



67.5427, 77.0034, 105.9110



46.8929, 47.7583, 75.8541



13.7817, 14.9026, 17.5378



15.5031, 18.4758, 43.7974



1.1482, 1.4278, 3.0603

Previews

White Background



This preview shows how the XYZ color 54.8238, 53.1678, 45.9010 looks on a white background.

Color Contrast Check

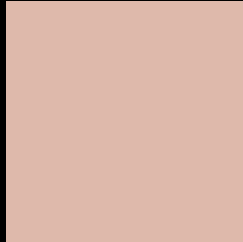
Large Text (above 18pt) WCAG AA × Fail

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 54.8238, 53.1678, 45.9010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

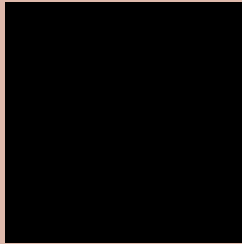
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8238, 53.1678, 45.9010

Background



This preview shows how black text looks on a background with the XYZ color 54.8238, 53.1678, 45.9010.



This preview shows how white text looks on a background with the XYZ color 54.8238, 53.1678,

45.9010.

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

54.8238, 53.1678, 45.9010

Protanopia

50.6749, 53.2119, 48.1575

Deuteranopia

54.4248, 53.2737, 45.9424



Tritanopia

57.4255, 52.9954, 58.8322

Trichromacy



Original Color

54.8238, 53.1678, 45.9010

Protanomaly

52.1321, 53.0065, 47.5280

Deuteranomaly

54.7284, 53.4302, 45.9566

Tritanomaly

56.3313, 52.8484, 53.6861

Monochromacy



Original Color

54.8238, 53.1678, 45.9010

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.3956, 53.6441, 54.0472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8238, 53.1678, 45.9010 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(222, 185, 171)` looks like.

```
.text, #text, p{  
    color:rgb(222, 185, 171)  
}
```

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(222, 185, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 185, 171) }
```

Border

The CSS property to change the border of an element to XYZ 54.8238, 53.1678, 45.9010 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(222, 185, 171) }
```


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

```
.border{ border-color:rgb(222, 185, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 185, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 185, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 185, 171);  
box-shadow:4px 4px 4px 4px rgb(222, 185,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8238, 53.1678, 45.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 185, 171) }
```

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

```
.background{ background-color: rgb(222,  
185, 171) }
```

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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