

Converting Colors

XYZ(55.4833, 54.5483, 46.5671)

Have a look what the booklet for
XYZ(55.4833, 54.5483, 46.5671)
contains.

XYZ(55.5538, 54.4746, 46.6164)	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(55.5538, 54.4746,
46.6164)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBCAC
RGB	222, 188, 172
RGB Percent	87%, 74%, 67%
CMY	0.1294, 0.2627, 0.3255
CMYK	0.00, 0.15, 0.23, 0.13
HSL	19°, 43%, 77%
HSV	19°, 23%, 87%
XYZ	55.5538, 54.4746, 46.6164
YIQ	196.3420, 25.4000, 2.2320

Conversions

Conversions Part 2

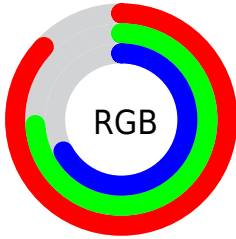
Format	Color
R _{YB}	222, 196, 172
Decimal	14597292
CIE Lab	78.74, 9.70, 12.60
CIE LCh	79, 15.902, 52.421
Yxy	54.4746, 0.3546, 0.3478
Android (android.graphics.Color)	4292787372 (0xFFDEBCAC)
YUV	196.3420, -12.0006, 22.5021
Hunter-Lab	73.8069, 5.1933, 14.2173

Details

The XYZ color **55.5538, 54.4746, 46.6164** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.2689, 58.1856, 77.5836**, and the grayscale version is **52.7350, 55.4813, 60.4192**.

A 20% lighter version of the original color is **87.4558, 91.5074, 85.7263**, and **27.7800, 26.7910, 21.4763** is the 20% darker color. If you saturate the color by 10%, you get **50.5400, 47.5785, 35.2902**, and if you desaturate by 10%, it is **61.2640, 62.1927, 59.9331**.

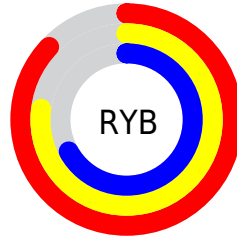
Distribution



Red (87%)

Green (74%)

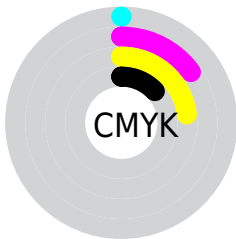
Blue (67%)



Red (87%)

Yellow (77%)

Blue (67%)

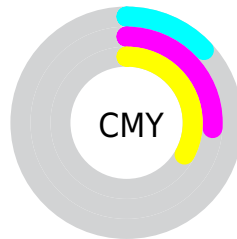


Cyan (0%)

Magenta (15%)

Yellow (23%)

Black (13%)



Cyan (13%)

Magenta (26%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5538, 54.4746, 46.6164 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 55.5538, 54.4746, 46.6164 by changing the saturation by 10% instead.

■ 55.5538, 54.4746,
46.6164

■ 55.5538, 54.4746,
46.6164

398.1101,
403.9172, 389.6306

■ 40.0809, 38.9812,
32.3803

■ 97.4955, 96.7707,
86.4847

■ 27.7861, 26.7451,
21.3849

124.6950,
124.3423, 112.9541

■ 18.3041, 17.3819,
13.2117

156.5340,
156.7087, 144.3382

■ 11.2696, 10.5071,
7.4420

193.3780,
194.2543, 181.0558

■ 6.3171, 5.7365,
3.6574

235.5922,
237.3636, 223.5253

■ 3.0813, 2.6855,
1.4394

283.5421,

■ 1.1969, 0.9698,

286.4209, 272.1652

0.1721

337.5929,
341.8107, 327.3941

■ 0.1039, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5538, 54.4746,
46.6164

■ 55.5538, 54.4746,
46.6164

■ 50.5400, 47.5785,
35.2902

■ 61.2640, 62.1927,
59.9331

■ 46.1901, 41.4692,
25.8547

■ 67.6926, 70.7516,
75.3269

■ 42.4758, 36.1198,
18.2061

■ 74.8659, 80.1790,
92.8834

■ 39.3643, 31.4991,
12.2296

■ 81.8592, 90.1195,
107.6881

■ 36.8201, 27.5734,
7.7966

■ 83.9343, 94.2697,
108.3798

■ 34.8028, 24.3060,
4.7594

■ 33.2659, 21.6560,
2.9408

■ 32.3814, 20.0437,
2.1621

Harmonies

Analogous

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



57.5719, 54.4746, 52.9486



55.5538, 54.4746, 46.6164



52.5784, 54.4746, 43.7451

Triad

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



55.5538, 54.4746, 46.6164



46.0089, 54.4746, 57.0578



54.1180, 54.4746, 76.8123

Complementary

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



55.5538, 54.4746, 46.6164



52.2689, 58.1856, 77.5836

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.



50.9827, 54.4746, 78.1965



55.5538, 54.4746, 46.6164



46.3836, 54.4746, 66.1693

Square

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



55.5538, 54.4746, 46.6164



47.1291, 54.4746, 49.3634



48.1744, 54.4746, 74.1293



56.7198, 54.4746, 70.5184

Rectangle

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



55.5538, 54.4746, 46.6164



50.4863, 54.4746, 43.9529



48.1744, 54.4746, 74.1293



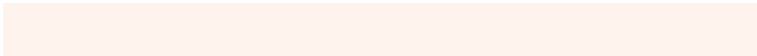
53.0884, 54.4746, 77.8914

Sweetspot

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



55.5553, 54.4771, 46.6175



88.5578, 91.4028, 93.2107



56.0381, 49.4996, 65.1001



18.8402, 19.4112, 19.6760



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.



55.5553, 54.4771, 46.6175



72.7206, 70.0151, 56.2195



61.3233, 66.0133, 48.5402



14.0636, 14.4131, 14.3476



19.3229, 12.0837, 1.3140



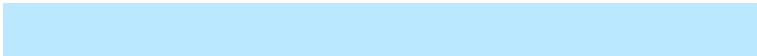
1.4183, 0.9956, 0.1174

Inverse Universe

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



52.2689, 58.1856, 77.5836



67.4643, 75.9342, 105.7088



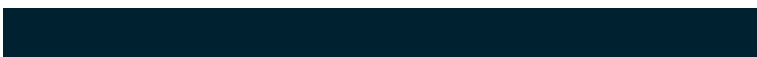
46.7565, 47.1609, 75.7461



13.7273, 14.7938, 17.5197



14.5036, 16.4768, 43.4643



1.0851, 1.3016, 3.0393

Previews

White Background



This preview shows how the XYZ color 55.5538, 54.4746, 46.6164 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 55.5538, 54.4746, 46.6164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

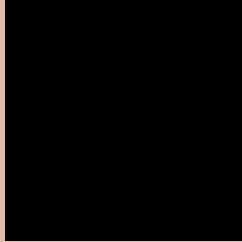
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5538, 54.4746, 46.6164

Background



This preview shows how black text looks on a background with the XYZ color 55.5538, 54.4746, 46.6164.



This preview shows how white text looks on a background with the XYZ color 55.5538, 54.4746,

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

55.5538, 54.4746, 46.6164

Protanopia

51.6583, 54.3752, 48.3302

Deuteranopia

55.5538, 54.4746, 46.6164



Tritanopia

58.3849, 54.3657, 60.8425

Trichromacy



Original Color

55.5538, 54.4746, 46.6164

Protanomaly

53.0680, 54.4569, 47.7587

Deuteranomaly

55.5538, 54.4746, 46.6164

Tritanomaly

57.2747, 54.2193, 55.5908

Monochromacy



Original Color

55.5538, 54.4746, 46.6164

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.2164, 54.7069, 54.7684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5538, 54.4746, 46.6164 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, 188, 172)` looks like.

```
.text, #text, p{  
    color:rgb(222, 188, 172)  
}
```

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, 188, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 188, 172) }
```

Border

The CSS property to change the border of an element to XYZ 55.5538, 54.4746, 46.6164 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, 188, 172) }
```


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

```
.border{ border-color:rgb(222, 188, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 188, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 188, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 188, 172);  
box-shadow:4px 4px 4px 4px rgb(222, 188,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5538, 54.4746, 46.6164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 188, 172) }
```

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

```
.background{ background-color: rgb(222,  
188, 172) }
```

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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