

Converting Colors

XYZ(55.2670, 51.3167, 30.7121)

Have a look what the booklet for
XYZ(55.2670, 51.3167, 30.7121)
contains.

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Color

**XYZ(55.1625, 51.2549,
30.6527)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB189
RGB	237, 177, 137
RGB Percent	93%, 69%, 54%
CMY	0.0706, 0.3059, 0.4627
CMYK	0.00, 0.25, 0.42, 0.07
HSL	24°, 74%, 73%
HSV	24°, 42%, 93%
XYZ	55.1625, 51.2549, 30.6527
YIQ	190.3800, 48.6000, 0.2800

Conversions

Conversions Part 2

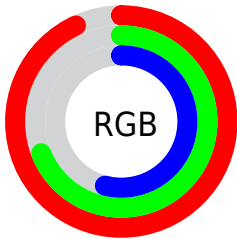
Format	Color
R _Y B	237, 204, 137
Decimal	15577481
CIE Lab	76.83, 16.92, 28.98
CIE LCh	77, 33.558, 59.715
Yxy	51.2549, 0.4024, 0.3739
Android (android.graphics.Color)	4293767561 (0xFFEDB189)
YUV	190.3800, -26.3163, 40.8857
Hunter-Lab	71.5925, 12.2485, 24.7295

Details

The XYZ color **55.1625, 51.2549, 30.6527** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.5680, 51.3633, 87.6330**, and the grayscale version is **49.2912, 51.8582, 56.4736**.

A 20% lighter version of the original color is **79.7829, 83.2994, 61.1636**, and **27.5184, 24.6871, 12.3315** is the 20% darker color. If you saturate the color by 10%, you get **50.9821, 45.3225, 21.7730**, and if you desaturate by 10%, it is **60.0116, 57.9269, 41.5985**.

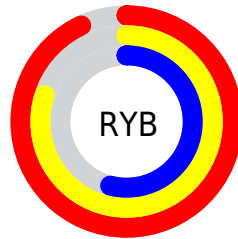
Distribution



Red (93%)

Green (69%)

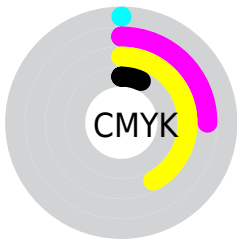
Blue (54%)



Red (93%)

Yellow (80%)

Blue (54%)

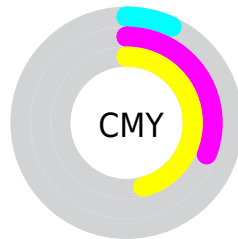


Cyan (0%)

Magenta (25%)

Yellow (42%)

Black (7%)



Cyan (7%)


Magenta (31%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1625, 51.2549, 30.6527 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 55.1625, 51.2549, 30.6527 by changing the saturation by 10% instead.

 55.1625, 51.2549,
30.6527

 55.1625, 51.2549,
30.6527


396.6540,
391.5533, 319.2366


 39.7662, 36.4115,
20.0783


 96.9259, 92.0314,
61.7660

 27.5397, 24.7522,
12.2673


 124.0238,
118.7334, 83.1420

 18.1176, 15.8925,
6.8013


 155.7529,
150.1570, 108.9556

 11.1347, 9.4481,
3.2616

192.4785,
186.6866, 139.6254

 6.2255, 5.0346,
1.2297

234.5661,
228.7066, 175.5698

 3.0246, 2.2676,
0.0031

282.3810,

 1.1668, 0.7565,

276.6015, 217.2074

0.0000

336.2885,
330.7556, 264.9569

■ 0.0799, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1625, 51.2549,
30.6527

■ 55.1625, 51.2549,
30.6527

■ 50.9821, 45.3225,
21.7730

■ 60.0116, 57.9269,
41.5985

■ 47.4328, 40.0945,
14.8232

■ 65.5564, 65.3572,
54.7284

■ 44.4790, 35.5437,
9.6554

■ 71.8273, 73.5729,
70.1553

■ 42.0788, 31.6376,
6.0983

■ 78.8512, 82.5973,
87.9831

■ 40.1833, 28.3398,
3.9463

■ 86.5731, 92.4207,
107.8838

■ 39.0003, 26.1551,
2.9929

■ 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



60.1555, 51.2549, 40.1538



55.1625, 51.2549, 30.6527



48.7773, 51.2549, 27.5510

Triad

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



55.1625, 51.2549, 30.6527



37.4588, 51.2549, 55.6333



55.0478, 51.2549, 92.1829

Complementary

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



55.1625, 51.2549, 30.6527



45.5680, 51.3633, 87.6330

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.



48.6553, 51.2549, 98.7838



55.1625, 51.2549, 30.6527



38.8277, 51.2549, 75.0785

Square

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



55.1625, 51.2549, 30.6527



38.8802, 51.2549, 39.9113



42.7928, 51.2549, 91.9390



60.0853, 51.2549, 75.4479

Rectangle

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



55.1625, 51.2549, 30.6527



44.6974, 51.2549, 28.8560



42.7928, 51.2549, 91.9390



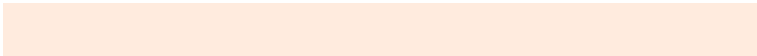
52.9690, 51.2549, 95.8041

Sweetspot

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



55.1638, 51.2574, 30.6537



84.1450, 86.0066, 81.1679



53.9490, 39.9275, 57.6870



17.6467, 17.9353, 16.4693



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.



55.1638, 51.2574, 30.6537



60.6560, 54.1745, 26.6451



66.9095, 74.7488, 34.5690



15.5600, 16.0430, 15.7952



21.4130, 14.5203, 1.6741



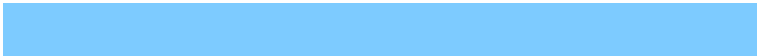
1.7733, 1.3239, 0.1621

Inverse Universe

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



45.5680, 51.3633, 87.6330



47.8498, 54.2754, 102.5620



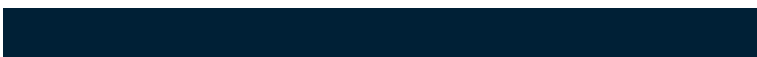
36.0367, 32.3008, 84.4559



14.9829, 16.0521, 19.2309



13.7739, 14.1947, 45.7569



1.1753, 1.3020, 3.6242

Previews

White Background



This preview shows how the XYZ color 55.1625, 51.2549, 30.6527 looks on a white background.

Color Contrast Check

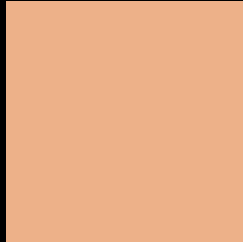
Large Text (above 18pt) WCAG AA × Fail

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 55.1625, 51.2549, 30.6527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

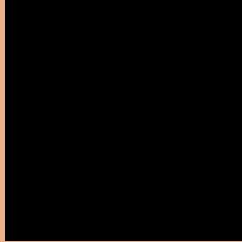
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1625, 51.2549, 30.6527

Background



This preview shows how black text looks on a background with the XYZ color 55.1625, 51.2549, 30.6527.



This preview shows how white text looks on a background with the XYZ color 55.1625, 51.2549,

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

55.1625, 51.2549, 30.6527

Protanopia

48.0000, 51.5066, 33.3985

Deuteranopia

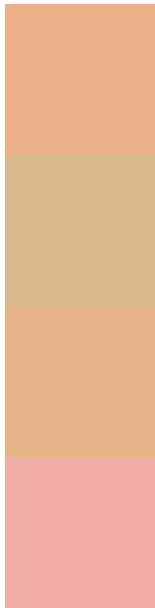
52.5359, 51.4022, 30.4452



Tritanopia

59.4903, 51.2873, 52.1114

Trichromacy



Original Color

55.1625, 51.2549, 30.6527

Protanomaly

50.1810, 51.0681, 32.4116

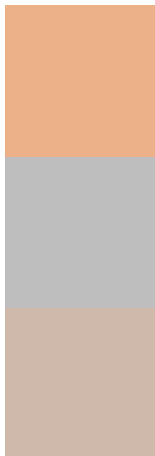
Deuteranomaly

53.3983, 51.2431, 30.3691

Tritanomaly

57.8538, 51.2024, 43.3930

Monochromacy



Original Color

55.1625, 51.2549, 30.6527

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.4318, 50.9036, 45.6954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1625, 51.2549, 30.6527 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(237, 177, 137)` looks like.

```
.text, #text, p{  
    color:rgb(237, 177, 137)  
}
```

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(237, 177, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 177, 137) }
```

Border

The CSS property to change the border of an element to XYZ 55.1625, 51.2549, 30.6527 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(237, 177, 137) }
```


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

```
.border{ border-color:rgb(237, 177, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 177, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 177, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 177, 137);  
box-shadow:4px 4px 4px 4px rgb(237, 177,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1625, 51.2549, 30.6527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 177, 137) }
```

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

```
.background{ background-color: rgb(237,  
177, 137) }
```

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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