

Converting Colors

XYZ(50.6275, 44.5798, 26.4275)

Have a look what the booklet for
XYZ(50.6275, 44.5798, 26.4275)
contains.

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Color

**XYZ(50.5728, 44.5407,
26.3538)**

Conversions

Conversions Part 1

Format	Color
Hex	EAA180
RGB	234, 161, 128
RGB Percent	92%, 63%, 50%
CMY	0.0824, 0.3686, 0.4980
CMYK	0.00, 0.31, 0.45, 0.08
HSL	19°, 72%, 71%
HSV	19°, 45%, 92%
XYZ	50.5728, 44.5407, 26.3538
YIQ	179.0650, 54.1010, 5.2130

Conversions

Conversions Part 2

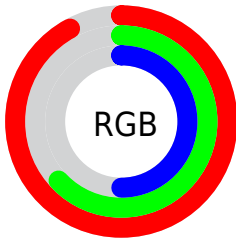
Format	Color
R_{YB}	234, 176, 128
Decimal	15376768
CIE _{Lab}	72.59, 23.32, 28.10
CIE _{LCh}	73, 36.513, 50.314
Yxy	44.5407, 0.4163, 0.3667
Android (android.graphics.Color)	4293566848 (0xFFEAA180)
YUV	179.0650, -25.1750, 48.1780
Hunter-Lab	66.7388, 18.4693, 23.3048

Details

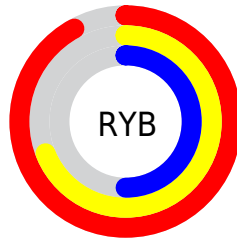
The XYZ color **50.5728, 44.5407, 26.3538** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.6389, 52.3006, 85.5839**, and the grayscale version is **42.9932, 45.2322, 49.2579**.

A 20% lighter version of the original color is **74.1364, 73.7079, 54.0357**, and **24.7483, 20.7174, 9.9022** is the 20% darker color. If you saturate the color by 10%, you get **46.5699, 38.7221, 18.2771**, and if you desaturate by 10%, it is **55.2960, 51.2316, 36.4236**.

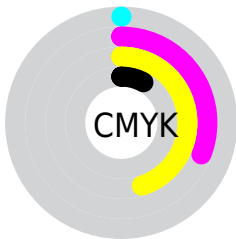
Distribution



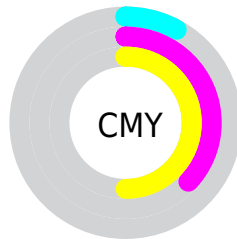
- Red (92%)
- Green (63%)
- Blue (50%)



- Red (92%)
- Yellow (69%)
- Blue (50%)



- Cyan (0%)
- Magenta (31%)
- Yellow (45%)
- Black (8%)





- Cyan (8%)
- Magenta (37%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5728, 44.5407, 26.3538 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 50.5728, 44.5407, 26.3538 by changing the saturation by 10% instead.


 50.5728, 44.5407,
26.3538

 50.5728, 44.5407,
26.3538


379.3168,
364.9102, 298.1751

 36.0884, 31.0958,
16.8604


 90.2097, 82.0308,
54.8362

 24.6729, 20.6718,
9.9741


 116.0930,
106.8447, 74.6623

 15.9610, 12.8843,
5.2764


 146.5066,
136.2171, 98.7697

 9.5872, 7.3489,
2.3488

181.8158,
170.5324, 127.5770

 5.1863, 3.6813,
0.7583

222.3861,
210.1750, 161.5026

 2.3928, 1.4969,
0.0000

268.5828,

 0.8415, 0.2866,

255.5292, 200.9651

0.0000

320.7713,
306.9795, 246.3831

■ 0.0000, 0.0000,
0.0000

■ 50.5728, 44.5407,
26.3538

■ 50.5728, 44.5407,
26.3538

■ 46.5699, 38.7221,
18.2771

■ 55.2960, 51.2316,
36.4236

■ 43.2455, 33.7317,
12.0559

■ 60.7717, 58.8232,
48.6062

■ 40.5580, 29.5314,
7.5391

■ 67.0338, 67.3507,
63.0148

■ 38.4594, 26.0768,
4.5502

■ 74.1132, 76.8454,
79.7538

■ 36.8927, 23.3181,
2.8730

■ 82.0391, 87.3369,
98.9210

■ 36.3050, 22.2392,
2.3791

■ 87.7415, 96.2324,
108.5580

Harmonies

Analogous

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



54.7753, 44.5407, 37.3970



50.5728, 44.5407, 26.3538



44.4108, 44.5407, 21.6572

Triad

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



50.5728, 44.5407, 26.3538



31.4564, 44.5407, 42.8779



46.6922, 44.5407, 88.9729

Complementary

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



50.5728, 44.5407, 26.3538



44.6389, 52.3006, 85.5839

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.



40.3241, 44.5407, 91.4952



50.5728, 44.5407, 26.3538



31.9365, 44.5407, 61.6017

Square

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



50.5728, 44.5407, 26.3538



33.6597, 44.5407, 29.5053



35.0435, 44.5407, 80.4885



52.3849, 44.5407, 74.2700

Rectangle

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



50.5728, 44.5407, 26.3538



40.1972, 44.5407, 21.6959



35.0435, 44.5407, 80.4885



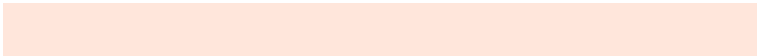
44.5464, 44.5407, 91.3941

Sweetspot

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



50.5739, 44.5429, 26.3547



82.4785, 83.2158, 78.9403



52.3353, 37.2048, 60.4243



17.2772, 17.3029, 16.0172



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.



50.5739, 44.5429, 26.3547



57.0699, 47.7541, 23.1318



61.5719, 66.5388, 30.0207



15.4481, 15.8192, 15.7579



20.5002, 12.6945, 1.3698



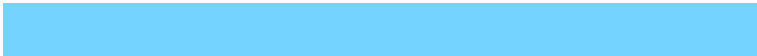
1.6927, 1.1627, 0.1352

Inverse Universe

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



44.6389, 52.3006, 85.5839



49.0010, 58.1717, 103.2534



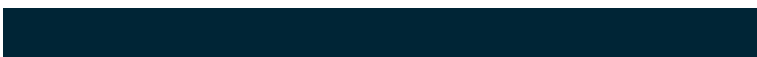
34.5328, 32.0884, 82.2152



15.0991, 16.2846, 19.2697



15.6383, 17.9236, 46.3783



1.3130, 1.5776, 3.6702

Previews

White Background



This preview shows how the XYZ color 50.5728, 44.5407, 26.3538 looks on a white background.

Color Contrast Check

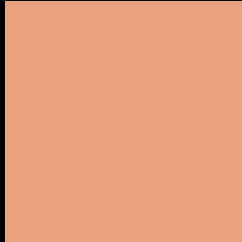
Large Text (above 18pt) WCAG AA × Fail

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 50.5728, 44.5407, 26.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

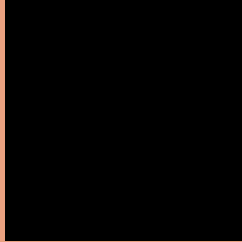
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5728, 44.5407, 26.3538

Background



This preview shows how black text looks on a background with the XYZ color 50.5728, 44.5407, 26.3538.



This preview shows how white text looks on a background with the XYZ color 50.5728, 44.5407,

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

50.5728, 44.5407, 26.3538

Protanopia

41.8502, 44.6947, 29.7138

Deuteranopia

45.4802, 44.6292, 25.9559



Tritanopia

53.7886, 44.5715, 42.3274

Trichromacy



Original Color

50.5728, 44.5407, 26.3538

Protanomaly

44.7183, 44.4639, 28.4158

Deuteranomaly

47.1647, 44.3854, 26.1601

Tritanomaly

52.5687, 44.5865, 35.9724

Monochromacy



Original Color

50.5728, 44.5407, 26.3538

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.6509, 44.1852, 39.4330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5728, 44.5407, 26.3538 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(234, 161, 128)` looks like.

```
.text, #text, p{  
    color:rgb(234, 161, 128)  
}
```

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(234, 161, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 161, 128) }
```

Border

The CSS property to change the border of an element to XYZ 50.5728, 44.5407, 26.3538 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(234, 161, 128) }
```


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

```
.border{ border-color:rgb(234, 161, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 161, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 161, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 161, 128);  
box-shadow:4px 4px 4px 4px rgb(234, 161,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5728, 44.5407, 26.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 161, 128) }
```

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

```
.background{ background-color: rgb(234,  
161, 128) }
```

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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