

Converting Colors

XYZ(41.6104, 33.8386, 27.3155)

Have a look what the booklet for
XYZ(41.6104, 33.8386, 27.3155)
contains.

XYZ(41.6524, 33.8289, 27.2560)	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(41.6524, 33.8289,
27.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	D98787
RGB	217, 135, 135
RGB Percent	85%, 53%, 53%
CMY	0.1490, 0.4706, 0.4706
CMYK	0.00, 0.38, 0.38, 0.15
HSL	0°, 52%, 69%
HSV	0°, 38%, 85%
XYZ	41.6524, 33.8289, 27.2560
YIQ	159.5180, 48.8720, 17.3840

Conversions

Conversions Part 2

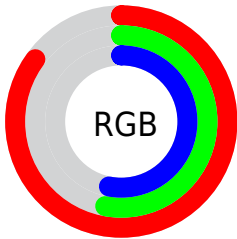
Format	Color
RYB	217, 135, 135
Decimal	14256007
CIELab	64.83, 31.39, 13.31
CIELCh	65, 34.099, 22.975
Yxy	33.8289, 0.4054, 0.3293
Android (android.graphics.Color)	4292446087 (0xFFD98787)
YUV	159.5180, -12.0874, 50.4117
Hunter-Lab	58.1626, 26.0459, 12.9295

Details

The XYZ color **41.6524, 33.8289, 27.2560** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.3279, 59.7840, 74.6906**, and the grayscale version is **33.2308, 34.9613, 38.0729**.

A 20% lighter version of the original color is **68.5147, 61.2860, 55.7952**, and **19.3072, 14.4701, 10.3697** is the 20% darker color. If you saturate the color by 10%, you get **37.5523, 27.8296, 19.1042**, and if you desaturate by 10%, it is **46.6826, 41.1899, 37.2547**.

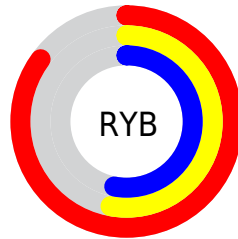
Distribution



Red (85%)

Green (53%)

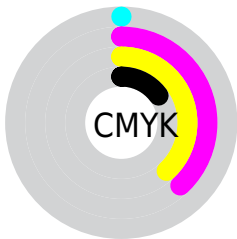
Blue (53%)



Red (85%)

Yellow (53%)

Blue (53%)

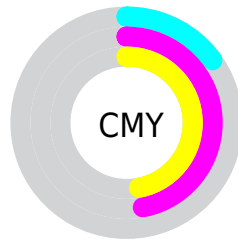


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (15%)



Cyan (15%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6524, 33.8289, 27.2560 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 41.6524, 33.8289, 27.2560 by changing the saturation by 10% instead.


 41.6524, 33.8289,
27.2560


 41.6524, 33.8289,
27.2560


344.0562,
319.3684, 302.6938


 29.0191, 22.7622,
17.5314


 76.9417, 65.6675,
56.3031

 19.2396, 14.4180,
10.4482


 100.3285, 87.2082,
76.4628

 11.9486, 8.4120,
5.5876


 128.0305,
113.0090, 100.9378

 6.7806, 4.3597,
2.5313

160.4131,
143.4543, 130.1469

 3.3704, 1.8767,
0.8567

197.8416,
178.9285, 164.5085

 1.3525, 0.5343,
0.0000

240.6814,

 0.2220, 0.0000,

219.8160, 204.4411

0.0000

289.2978,
266.5012, 250.3634

■ 0.0000, 0.0000,
0.0000

■ 41.6524, 33.8289,
27.2560

■ 41.6524, 33.8289,
27.2560

■ 37.5523, 27.8296,
19.1042

■ 46.6826, 41.1899,
37.2547

■ 34.3229, 23.1040,
12.6845

■ 52.6922, 49.9837,
49.2016

■ 31.9021, 19.5617,
7.8723

■ 59.7303, 60.2824,
63.1931

■ 30.2185, 17.0980,
4.5257

■ 67.8418, 72.1518,
79.3186

■ 29.1882, 15.5902,
2.4777

■ 77.0690, 85.6537,
97.6621

■ 28.6938, 14.8667,
1.4951

■ 82.4253, 93.4917,
108.3092

■ 28.6154, 14.7520,
1.3392

Harmonies

Analogous

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



42.4633, 33.8289, 40.2410



41.6524, 33.8289, 27.2560



38.1802, 33.8289, 19.1895

Triad

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



41.6524, 33.8289, 27.2560



25.1895, 33.8289, 22.8333



31.0124, 33.8289, 70.7143

Complementary

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



41.6524, 33.8289, 27.2560



47.3279, 59.7840, 74.6906

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.



26.7967, 33.8289, 62.9124



41.6524, 33.8289, 27.2560



23.6639, 33.8289, 33.6248

Square

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



41.6524, 33.8289, 27.2560



28.6073, 33.8289, 17.1270



24.2209, 33.8289, 48.4278



35.9810, 33.8289, 67.7571

Rectangle

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



41.6524, 33.8289, 27.2560



34.9977, 33.8289, 16.5574



24.2209, 33.8289, 48.4278



29.4675, 33.8289, 69.2083

Sweetspot

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



41.6533, 33.8306, 27.2567



82.5541, 81.7150, 84.0584



49.8038, 37.0897, 70.1797



17.3685, 17.0493, 17.3927



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.



41.6533, 33.8306, 27.2567



55.4077, 41.9921, 30.0927



48.5139, 47.5519, 29.5435



13.0562, 13.0517, 13.5567



17.3223, 8.9301, 0.8107



1.1222, 0.5786, 0.0525

Inverse Universe

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



47.3279, 59.7840, 74.6906



64.6653, 84.3330, 107.4774



38.0417, 41.2116, 71.5952



13.4449, 14.8295, 16.8059



22.6001, 33.0696, 44.9303



1.4642, 2.1425, 2.9108

Previews

White Background



This preview shows how the XYZ color 41.6524, 33.8289, 27.2560 looks on a white background.

Color Contrast Check

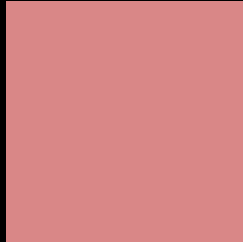
Large Text (above 18pt) WCAG AA × Fail

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 41.6524, 33.8289, 27.2560 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 41.6524, 33.8289, 27.2560

Background



This preview shows how black text looks on a background with the XYZ color 41.6524, 33.8289, 27.2560.



This preview shows how white text looks on a background with the XYZ color 41.6524, 33.8289,

27.2560.

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

41.6524, 33.8289, 27.2560

Protanopia

32.3495, 33.9758, 32.0471

Deuteranopia

34.6845, 34.0675, 26.5774



Tritanopia

42.4726, 33.9692, 30.7037

Trichromacy



Original Color

41.6524, 33.8289, 27.2560

Protanomaly

35.1584, 33.5152, 30.2072

Deuteranomaly

37.0182, 33.8533, 26.7736

Tritanomaly

42.2463, 33.8787, 29.5119

Monochromacy



Original Color

41.6524, 33.8289, 27.2560

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.7086, 34.1913, 33.9957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6524, 33.8289, 27.2560 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(217, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(217, 135, 135)  
}
```

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(217, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 135, 135) }
```

Border

The CSS property to change the border of an element to XYZ 41.6524, 33.8289, 27.2560 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(217, 135, 135) }
```


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

```
.border{ border-color:rgb(217, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(217, 135,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6524, 33.8289, 27.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 135, 135) }
```

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

```
.background{ background-color: rgb(217,  
135, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor