

Converting Colors

XYZ(46.7027, 37.1694, 25.5170)

Have a look what the booklet for
XYZ(46.7027, 37.1694, 25.5170)
contains.

XYZ(46.6552, 37.0856, 25.4681)	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(46.6552, 37.0856,
25.4681)**

Conversions

Conversions Part 1

Format	Color
Hex	E98A81
RGB	233, 138, 129
RGB Percent	91%, 54%, 51%
CMY	0.0863, 0.4588, 0.4941
CMYK	0.00, 0.41, 0.45, 0.09
HSL	5°, 70%, 71%
HSV	5°, 45%, 91%
XYZ	46.6552, 37.0856, 25.4681
YIQ	165.3790, 59.5090, 17.3410

Conversions

Conversions Part 2

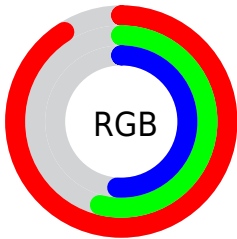
Format	Color
R _Y B	233, 139, 129
Decimal	15305345
CIE Lab	67.34, 35.19, 20.46
CIE LCh	67, 40.707, 30.180
Yxy	37.0856, 0.4272, 0.3396
Android (android.graphics.Color)	4293495425 (0xFFE98A81)
YUV	165.3790, -17.9348, 59.3036
Hunter-Lab	60.8979, 30.1812, 17.8329

Details

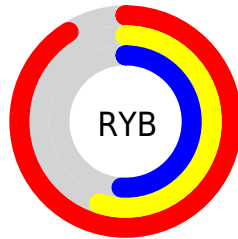
The XYZ color **46.6552, 37.0856, 25.4681** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.4155, 63.8586, 86.7594**, and the grayscale version is **36.0106, 37.8860, 41.2578**.

A 20% lighter version of the original color is **68.7535, 62.7773, 52.7495**, and **22.2313, 16.2334, 9.5511** is the 20% darker color. If you saturate the color by 10%, you get **42.5194, 31.0164, 17.3001**, and if you desaturate by 10%, it is **51.7443, 44.4963, 35.6966**.

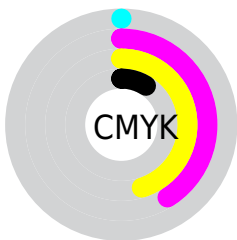
Distribution



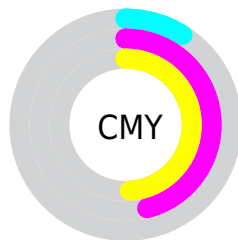
- Red (91%)
- Green (54%)
- Blue (51%)



- Red (91%)
- Yellow (55%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (45%)
- Black (9%)





- Cyan (9%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.6552, 37.0856, 25.4681 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 46.6552, 37.0856, 25.4681 by changing the saturation by 10% instead.


 46.6552, 37.0856,
25.4681


 46.6552, 37.0856,
25.4681


364.1085,
333.6810, 293.6831

 32.9700, 25.2738,
16.2040


 84.4206, 70.7044,
53.3891

 22.2626, 16.2811,
9.5127

 109.2315, 93.2802,
72.8831

 14.1676, 9.7233,
4.9757


 138.4816,
120.2128, 96.6240

 8.3198, 5.2159,
2.1745

172.5363,
151.8865, 125.0306

 4.3538, 2.3745,
0.6596

211.7610,
188.6858, 158.5212

 1.9042, 0.8127,
0.0000

256.5210,

 0.5793, 0.0000,

230.9950, 197.5145

0.0000

307.1817,
279.1986, 242.4289

■ 0.0000, 0.0000,
0.0000

■ 46.6552, 37.0856,
25.4681

■ 46.6552, 37.0856,
25.4681

■ 42.5194, 31.0164,
17.3001

■ 51.7443, 44.4963,
35.6966

■ 39.2746, 26.2032,
11.0506

■ 57.8381, 53.3161,
48.1103

■ 36.8557, 22.5593,
6.5633

■ 64.9877, 63.6150,
62.8263

■ 35.1871, 19.9848,
3.6561

■ 73.2400, 75.4564,
79.9529

■ 34.1793, 18.3627,
2.1070

■ 82.6390, 88.9003,
99.5916

■ 33.8575, 17.8301,
1.6571

■ 87.4142, 96.0636,
108.5427

Harmonies

Analogous

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



48.6407, 37.0856, 40.2724



46.6552, 37.0856, 25.4681



41.5497, 37.0856, 17.3243

Triad

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



46.6552, 37.0856, 25.4681



25.8411, 37.0856, 25.6055



35.2864, 37.0856, 85.3378

Complementary

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



46.6552, 37.0856, 25.4681



50.4155, 63.8586, 86.7594

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.



29.6194, 37.0856, 78.0713



46.6552, 37.0856, 25.4681



24.5725, 37.0856, 40.4877

Square

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



46.6552, 37.0856, 25.4681



29.5614, 37.0856, 17.3856



25.8717, 37.0856, 60.2057



41.6224, 37.0856, 77.9043

Rectangle

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



46.6552, 37.0856, 25.4681



37.3323, 37.0856, 15.1257



25.8717, 37.0856, 60.2057



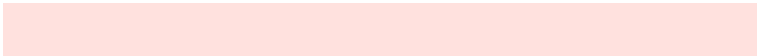
33.2442, 37.0856, 84.5126

Sweetspot

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



46.6561, 37.0875, 25.4688



81.2544, 80.2253, 80.2044



54.9544, 38.4243, 75.2784



16.9406, 16.5230, 16.2339



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.



46.6561, 37.0875, 25.4688



52.3483, 38.3110, 21.5579



55.9081, 55.5914, 28.5528



15.1703, 15.2636, 15.6653



19.2483, 10.1909, 0.9525



1.5476, 0.8725, 0.0868

Inverse Universe

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



50.4155, 63.8586, 86.7594



57.4999, 75.1695, 106.0863



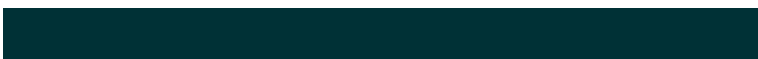
38.5775, 40.1827, 82.8134



15.3996, 16.8857, 19.3699



21.8680, 30.3830, 48.4549



1.7500, 2.4515, 3.8158

Previews

White Background



This preview shows how the XYZ color 46.6552, 37.0856, 25.4681 looks on a white background.

Color Contrast Check

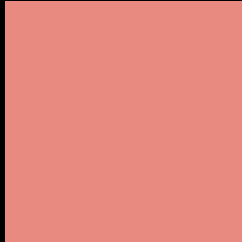
Large Text (above 18pt) WCAG AA × Fail

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 46.6552, 37.0856, 25.4681 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 46.6552, 37.0856, 25.4681

Background



This preview shows how black text looks on a background with the XYZ color 46.6552, 37.0856, 25.4681.



This preview shows how white text looks on a background with the XYZ color 46.6552, 37.0856,

25.4681.

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

46.6552, 37.0856, 25.4681

Protanopia

35.3168, 37.3582, 30.5488

Deuteranopia

37.9208, 37.2718, 24.5976



Tritanopia

47.9242, 37.1761, 31.8439

Trichromacy



Original Color

46.6552, 37.0856, 25.4681

Protanomaly

38.7424, 36.8509, 28.7379

Deuteranomaly

40.8449, 37.0495, 24.7372

Tritanomaly

47.6110, 37.2772, 29.4968

Monochromacy



Original Color

46.6552, 37.0856, 25.4681

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.6240, 36.6568, 34.7455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6552, 37.0856, 25.4681 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(233, 138, 129)` looks like.

```
.text, #text, p{  
    color:rgb(233, 138, 129)  
}
```

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(233, 138, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 138, 129) }
```

Border

The CSS property to change the border of an element to XYZ 46.6552, 37.0856, 25.4681 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(233, 138, 129) }
```


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

```
.border{ border-color:rgb(233, 138, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 138, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 138, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 138, 129);  
box-shadow:4px 4px 4px 4px rgb(233, 138,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6552, 37.0856, 25.4681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 138, 129) }
```

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

```
.background{ background-color: rgb(233,  
138, 129) }
```

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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