

Converting Colors

XYZ(42.3269, 32.4057, 17.2677)

Have a look what the booklet for
XYZ(42.3269, 32.4057, 17.2677)
contains.

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Color

**XYZ(42.1965, 32.3452,
17.3838)**

Conversions

Conversions Part 1

Format	Color
Hex	E57D69
RGB	229, 125, 105
RGB Percent	90%, 49%, 41%
CMY	0.1020, 0.5098, 0.5882
CMYK	0.00, 0.45, 0.54, 0.10
HSL	10°, 70%, 65%
HSV	10°, 54%, 90%
XYZ	42.1965, 32.3452, 17.3838
YIQ	153.8160, 68.4040, 15.8280

Conversions

Conversions Part 2

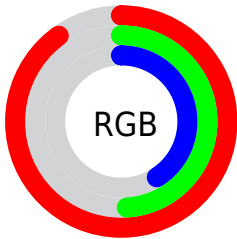
Format	Color
R _Y B	229, 129, 105
Decimal	15039849
CIE Lab	63.63, 38.21, 28.79
CIE LCh	64, 47.842, 36.996
Yxy	32.3452, 0.4590, 0.3519
Android (android.graphics.Color)	4293229929 (0xFFE57D69)
YUV	153.8160, -24.0663, 65.9364
Hunter-Lab	56.8728, 32.9096, 21.6884

Details

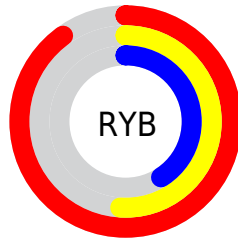
The XYZ color **42.1965, 32.3452, 17.3838** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.7674, 54.2581, 82.3471**, and the grayscale version is **30.7166, 32.3162, 35.1924**.

A 20% lighter version of the original color is **63.3608, 55.9005, 38.9029**, and **19.4832, 13.4955, 5.4489** is the 20% darker color. If you saturate the color by 10%, you get **38.9734, 27.5359, 11.2637**, and if you desaturate by 10%, it is **46.2081, 38.2247, 25.3306**.

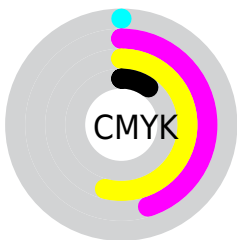
Distribution



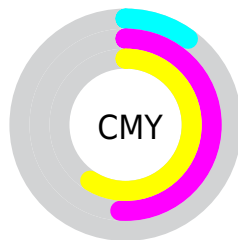
- Red (90%)
- Green (49%)
- Blue (41%)



- Red (90%)
- Yellow (51%)
- Blue (41%)



- Cyan (0%)
- Magenta (45%)
- Yellow (54%)
- Black (10%)





- Cyan (10%)
- Magenta (51%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1965, 32.3452, 17.3838 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 42.1965, 32.3452, 17.3838 by changing the saturation by 10% instead.


 42.1965, 32.3452,
17.3838


 42.1965, 32.3452,
17.3838


346.2746,
312.6888, 249.4929


 29.4470, 21.6253,
10.3437


 77.7602, 63.3519,
39.7841


 19.5652, 13.5818,
5.5188


 101.3051, 84.4074,
55.9814

 12.1858, 7.8304,
2.4908


 129.1792,
109.6770, 76.0682

 6.9434, 3.9866,
0.8353

 161.7478,
139.5450, 100.4630

 3.4728, 1.6661,
0.0000

199.3763,
174.3957, 129.5843

 1.4084, 0.4015,
0.0000

242.4301,

 0.2622, 0.0000,

214.6137, 163.8507

0.0000

291.2744,
260.5832, 203.6807

■ 0.0000, 0.0000,
0.0000

■ 42.1965, 32.3452,
17.3838

■ 42.1965, 32.3452,
17.3838

■ 38.9734, 27.5359,
11.2637

■ 46.2081, 38.2247,
25.3306

■ 36.4832, 23.7270,
6.8220

■ 51.0541, 45.2287,
35.2326

■ 34.6665, 20.8481,
3.8902

■ 56.7795, 53.4138,
47.2089

■ 33.4528, 18.8172,
2.2634

■ 63.4255, 62.8312,
61.3685

■ 32.9729, 17.9778,
1.7322

■ 71.0304, 73.5293,
77.8128

■ 79.6305, 85.5535,
96.6367

■ 86.1229, 95.3979,
108.4822

Harmonies

Analogous

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



45.3503, 32.3452, 30.9216



42.1965, 32.3452, 17.3838



36.0459, 32.3452, 11.0363

Triad

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



42.1965, 32.3452, 17.3838



20.3629, 32.3452, 22.7004



32.3357, 32.3452, 85.8606

Complementary

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



42.1965, 32.3452, 17.3838



42.7674, 54.2581, 82.3471

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.



25.9878, 32.3452, 81.1426



42.1965, 32.3452, 17.3838



19.6668, 32.3452, 39.8960

Square

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



42.1965, 32.3452, 17.3838



23.6377, 32.3452, 13.2373



21.5760, 32.3452, 62.3453



39.1464, 32.3452, 73.5685

Rectangle

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



42.1965, 32.3452, 17.3838



31.4218, 32.3452, 9.7614



21.5760, 32.3452, 62.3453



30.0743, 32.3452, 86.2661

Sweetspot

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



42.1973, 32.3469, 17.3844



79.2023, 77.7235, 74.5801



49.0473, 31.4344, 64.7165



16.5659, 16.0890, 15.1368



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.



42.1973, 32.3469, 17.3844



49.2982, 34.4745, 13.5623



52.3375, 52.6274, 20.7645



14.5639, 14.7416, 14.9823



18.9095, 10.3932, 1.0094



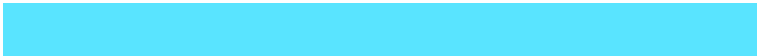
1.4546, 0.8824, 0.0937

Inverse Universe

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



42.7674, 54.2581, 82.3471



50.0082, 64.9849, 104.5154



30.6214, 29.9661, 78.2985



14.5991, 15.9196, 18.4477



18.9448, 24.9517, 46.2008



1.4531, 1.9502, 3.4318

Previews

White Background



This preview shows how the XYZ color 42.1965, 32.3452, 17.3838 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 42.1965, 32.3452, 17.3838 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 42.1965, 32.3452, 17.3838

Background



This preview shows how black text looks on a background with the XYZ color 42.1965, 32.3452, 17.3838.



This preview shows how white text looks on a background with the XYZ color 42.1965, 32.3452,

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

42.1965, 32.3452, 17.3838

Protanopia

30.3427, 32.4185, 21.7977

Deuteranopia

33.1886, 32.5585, 16.8471



Tritanopia

43.8216, 32.2754, 25.0392

Trichromacy



Original Color

42.1965, 32.3452, 17.3838

Protanomaly

33.5421, 31.5285, 19.9405

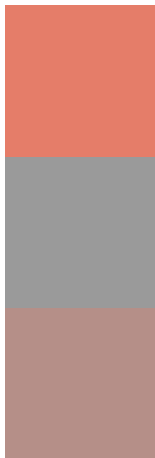
Deuteranomaly

36.1335, 32.2720, 16.8951

Tritanomaly

43.0439, 32.1225, 22.0208

Monochromacy



Original Color

42.1965, 32.3452, 17.3838

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

33.3225, 31.2463, 27.5674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1965, 32.3452, 17.3838 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(229, 125, 105)` looks like.

```
.text, #text, p{  
    color:rgb(229, 125, 105)  
}
```

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(229, 125, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 125, 105) }
```

Border

The CSS property to change the border of an element to XYZ 42.1965, 32.3452, 17.3838 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(229, 125, 105) }
```


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

```
.border{ border-color:rgb(229, 125, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 125, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 125, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 125, 105);  
box-shadow:4px 4px 4px 4px rgb(229, 125,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1965, 32.3452, 17.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 125, 105) }
```

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

```
.background{ background-color: rgb(229,  
125, 105) }
```

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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