

Converting Colors

XYZ(46.5754, 42.1266, 18.7732)

Have a look what the booklet for
XYZ(46.5754, 42.1266, 18.7732)
contains.

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Color

**XYZ(46.5754, 42.1266,
18.7732)**

Conversions

Conversions Part 1

Format	Color
Hex	E39F68
RGB	227, 159, 104
RGB Percent	89%, 62%, 41%
CMY	0.1098, 0.3764, 0.5921
CMYK	0.00, 0.30, 0.54, 0.11
HSL	27°, 69%, 65%
HSV	27°, 54%, 89%
XYZ	46.5754, 42.1266, 18.7732
YIQ	173.0620, 58.1830, -2.6890

Conversions

Conversions Part 2

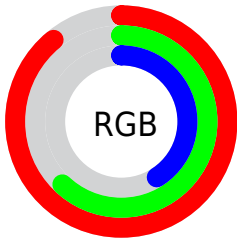
Format	Color
R_{YB}	227, 203, 104
Decimal	14917480
CIE _{Lab}	70.96, 19.37, 38.61
CIE _{LCh}	71, 43.200, 63.354
Yxy	42.1266, 0.4334, 0.3920
Android (android.graphics.Color)	4293107560 (0xFFE39F68)
YUV	173.0620, -34.0476, 47.3036
Hunter-Lab	64.9050, 14.5066, 28.2844

Details

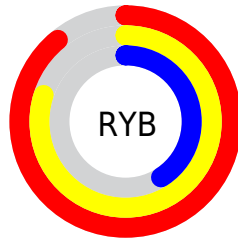
The XYZ color **46.5754, 42.1266, 18.7732** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.3259, 37.9926, 78.1970**, and the grayscale version is **39.9005, 41.9784, 45.7145**.

A 20% lighter version of the original color is **71.2873, 71.7534, 41.5450**, and **22.0957, 19.1161, 6.1396** is the 20% darker color. If you saturate the color by 10%, you get **43.5245, 37.6285, 12.8131**, and if you desaturate by 10%, it is **50.1577, 47.1912, 26.4422**.

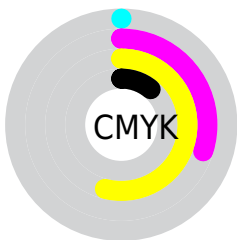
Distribution



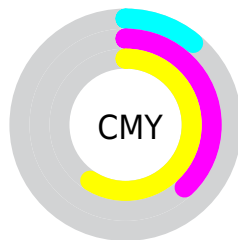
- Red (89%)
- Green (62%)
- Blue (41%)



- Red (89%)
- Yellow (80%)
- Blue (41%)



- Cyan (0%)
- Magenta (30%)
- Yellow (54%)
- Black (11%)




- Cyan (11%)
- Magenta (38%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5754, 42.1266, 18.7732 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 46.5754, 42.1266, 18.7732 by changing the saturation by 10% instead.


 46.5754, 42.1266,
18.7732


 46.5754, 42.1266,
18.7732


363.7944,
355.0075, 257.5747


 32.9067, 29.2004,
11.3314


 84.3021, 78.3912,
42.1821


 22.2138, 19.2325,
6.1732


 109.0907,
102.4984, 58.9862

 14.1316, 11.8384,
2.8802


 138.3167,
131.1014, 79.7482

 8.2946, 6.6337,
1.0338

 172.3454,
164.5847, 104.8866

 4.3374, 3.2341,
0.0000

211.5422,
203.3325, 134.8199

 1.8947, 1.2551,
0.0000

256.2724,

 0.5738, 0.1061,

247.7293, 169.9666

0.0000

306.9013,
298.1595, 210.7454

■ 0.0000, 0.0000,
0.0000

■ 46.5754, 42.1266,
18.7732

■ 46.5754, 42.1266,
18.7732

■ 43.5245, 37.6285,
12.8131

■ 50.1577, 47.1912,
26.4422

■ 40.9701, 33.6674,
8.4229

■ 54.2974, 52.8375,
35.9392

■ 38.8766, 30.2200,
5.4453

■ 59.0219, 59.0879,
47.3753

■ 37.2010, 27.2575,
3.6882

■ 64.3561, 65.9614,
60.8522

■ 36.3821, 25.7382,
3.0504

■ 70.3230, 73.4762,
76.4643

■ 76.9443, 81.6495,
94.2998

■ 82.9423, 89.9785,
107.6038

■ 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



52.7533, 42.1266, 27.3399



46.5754, 42.1266, 18.7732



39.2354, 42.1266, 16.5808

Triad

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



46.5754, 42.1266, 18.7732



27.7484, 42.1266, 48.2280



48.1446, 42.1266, 87.5981

Complementary

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



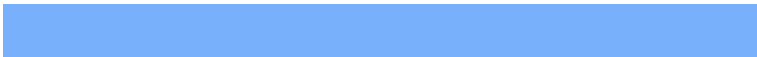
46.5754, 42.1266, 18.7732



34.3259, 37.9926, 78.1970

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.



40.8556, 42.1266, 97.9278



46.5754, 42.1266, 18.7732



29.5535, 42.1266, 71.3048

Square

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



46.5754, 42.1266, 18.7732



28.8968, 42.1266, 30.2858



34.1466, 42.1266, 91.2180



53.7328, 42.1266, 66.0472

Rectangle

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



46.5754, 42.1266, 18.7732



34.7988, 42.1266, 18.2477



34.1466, 42.1266, 91.2180



45.7829, 42.1266, 92.7484

Sweetspot

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



46.5764, 42.1287, 18.7740



82.3854, 84.0897, 75.6411



44.2398, 29.2762, 43.2107



17.3186, 17.5944, 15.3877



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.



46.5764, 42.1287, 18.7740



56.2171, 48.3124, 15.8686



59.4566, 67.8890, 23.0674



14.9050, 15.4238, 15.0960



21.3309, 15.2359, 1.8166



1.6678, 1.3090, 0.1648

Inverse Universe

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



34.3259, 37.9926, 78.1970



38.6928, 42.3541, 100.7436



25.3907, 20.1221, 75.2186



14.2401, 15.2016, 18.3280



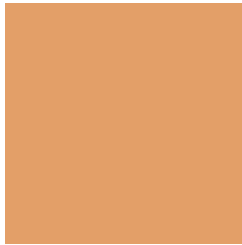
12.5174, 12.0968, 44.0584



1.0174, 1.0787, 3.2866

Previews

White Background



This preview shows how the XYZ color 46.5754, 42.1266, 18.7732 looks on a white background.

Color Contrast Check

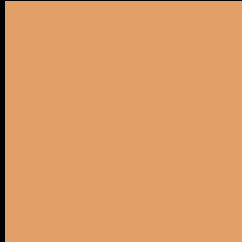
Large Text (above 18pt) WCAG AA × Fail

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 46.5754, 42.1266, 18.7732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

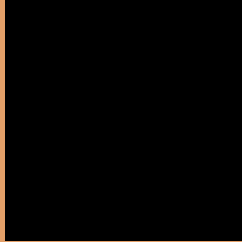
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5754, 42.1266, 18.7732

Background



This preview shows how black text looks on a background with the XYZ color 46.5754, 42.1266, 18.7732.



This preview shows how white text looks on a background with the XYZ color 46.5754, 42.1266,

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

46.5754, 42.1266, 18.7732

Protanopia

39.1857, 42.3450, 20.8600

Deuteranopia

42.8985, 42.0806, 18.4318



Tritanopia

51.1178, 42.2566, 40.1125

Trichromacy



Original Color

46.5754, 42.1266, 18.7732

Protanomaly

41.5233, 42.1552, 20.1356

Deuteranomaly

44.1606, 41.9254, 18.5969

Tritanomaly

49.2370, 42.2187, 31.1451

Monochromacy



Original Color

46.5754, 42.1266, 18.7732

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.3402, 41.4808, 33.8447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5754, 42.1266, 18.7732 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(227, 159, 104)` looks like.

```
.text, #text, p{  
    color:rgb(227, 159, 104)  
}
```

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(227, 159, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 159, 104) }
```

Border

The CSS property to change the border of an element to XYZ 46.5754, 42.1266, 18.7732 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(227, 159, 104) }
```


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

```
.border{ border-color:rgb(227, 159, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 159, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 159, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 159, 104);  
box-shadow:4px 4px 4px 4px rgb(227, 159,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5754, 42.1266, 18.7732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 159, 104) }
```

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

```
.background{ background-color: rgb(227,  
159, 104) }
```

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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