

Converting Colors

XYZ(47.6619, 43.6192, 11.8685)

Have a look what the booklet for
XYZ(47.6619, 43.6192, 11.8685)
contains.

XYZ(47.6619, 43.6192, 11.8685)	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(47.6619, 43.6192,
11.8685)**

Conversions

Conversions Part 1

Format	Color
Hex	E9A247
RGB	233, 162, 71
RGB Percent	91%, 64%, 28%
CMY	0.0863, 0.3647, 0.7216
CMYK	0.00, 0.30, 0.70, 0.09
HSL	34°, 79%, 60%
HSV	34°, 70%, 91%
XYZ	47.6619, 43.6192, 11.8685
YIQ	172.8550, 71.5270, -13.2490

Conversions

Conversions Part 2

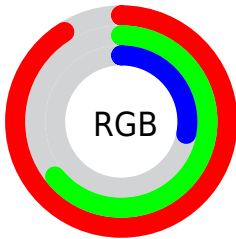
Format	Color
RYB	197, 233, 71
Decimal	15311431
CIELab	71.97, 18.04, 56.14
CIElCh	72, 58.968, 72.186
Yxy	43.6192, 0.4621, 0.4229
Android (android.graphics.Color)	4293501511 (0xFFE9A247)
YUV	172.8550, -50.2145, 52.7472
Hunter-Lab	66.0448, 13.2378, 35.5768

Details

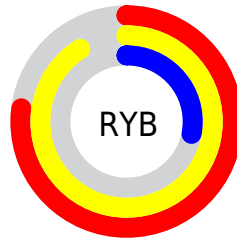
The XYZ color **47.6619, 43.6192, 11.8685** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **26.9789, 26.5675, 80.7963**, and the grayscale version is **39.8699, 41.9462, 45.6795**.

A 20% lighter version of the original color is **69.6280, 72.3158, 29.0274**, and **22.8888, 20.0678, 3.0826** is the 20% darker color. If you saturate the color by 10%, you get **45.3265, 39.9246, 8.0815**, and if you desaturate by 10%, it is **50.4319, 47.7249, 17.2148**.

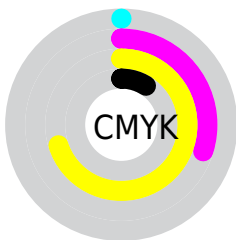
Distribution



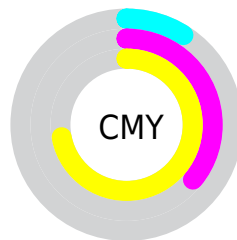
- Red (91%)
- Green (64%)
- Blue (28%)



- Red (77%)
- Yellow (91%)
- Blue (28%)



- Cyan (0%)
- Magenta (30%)
- Yellow (70%)
- Black (9%)





- Cyan (9%)
- Magenta (36%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6619, 43.6192, 11.8685 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 47.6619, 43.6192, 11.8685 by changing the saturation by 10% instead.


 47.6619, 43.6192,
11.8685


 47.6619, 43.6192,
11.8685


368.0553,
361.1521, 214.4797

 33.7694, 30.3712,
6.5327

 85.9135, 80.6444,
29.9162


 22.8785, 20.1205,
3.0977


 111.0033,
105.1905, 43.4652


 14.6240, 12.4827,
1.1447


 140.5563,
134.2714, 60.5890

 8.6405, 7.0733,
0.0000

 174.9377,
168.2715, 81.7063

 4.5627, 3.5080,
0.0000

 214.5130,
207.5752, 107.2354

 2.0251, 1.4023,
0.0000

259.6474,

 0.6480, 0.2184,

252.5670, 137.5950

0.0000

310.7064,
303.6311, 173.2036

■ 0.0000, 0.0000,
0.0000

■ 47.6619, 43.6192,
11.8685

■ 47.6619, 43.6192,
11.8685

■ 45.3265, 39.9246,
8.0815

■ 50.4319, 47.7249,
17.2148

■ 43.3844, 36.6138,
5.6668

■ 53.6662, 52.2536,
24.2734


■ 41.7767, 33.6591,
4.3267


■ 57.3947, 57.2242,
33.1816


■ 41.7056, 33.5267,
4.2732


■ 61.6437, 62.6522,
44.0619

■ 66.4371, 68.5520,
57.0263

 71.7974, 74.9374,
72.1783

 77.7457, 81.8213,
89.6142

 83.9125, 89.0605,
107.3755

 87.0655, 95.3664,
108.4265

Harmonies

Analogous

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



57.5050, 43.6192, 19.1622



47.6619, 43.6192, 11.8685



37.5087, 43.6192, 11.3187

Triad

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



47.6619, 43.6192, 11.8685



25.2812, 43.6192, 60.1718



55.8507, 43.6192, 101.4968

Complementary

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



47.6619, 43.6192, 11.8685



26.9789, 26.5675, 80.7963

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.



45.6768, 43.6192, 124.8196



47.6619, 43.6192, 11.8685



28.7152, 43.6192, 95.2482

Square

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



47.6619, 43.6192, 11.8685



25.6364, 43.6192, 32.4832



35.8186, 43.6192, 122.1577



62.7335, 43.6192, 66.5357

Rectangle

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



47.6619, 43.6192, 11.8685



31.9861, 43.6192, 14.3469



35.8186, 43.6192, 122.1577



52.6382, 43.6192, 111.4902

Sweetspot

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



47.6629, 43.6214, 11.8693



80.5608, 82.9486, 67.3010



40.8839, 23.8409, 28.7929



16.8857, 17.3173, 13.4286



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.



47.6629, 43.6214, 11.8693



54.6464, 47.3648, 8.5815



61.2961, 74.7238, 17.1541



15.7675, 16.4580, 15.8644



23.7904, 19.2751, 2.4666



1.9636, 1.7046, 0.2255

Inverse Universe

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



26.9789, 26.5675, 80.7963



27.8796, 25.3785, 98.0369



20.1943, 12.0566, 78.3531



14.7743, 15.6351, 19.1614



11.1664, 8.9798, 44.8877



0.9711, 0.8937, 3.5562

Previews

White Background



This preview shows how the XYZ color 47.6619, 43.6192, 11.8685 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 47.6619, 43.6192, 11.8685 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 47.6619, 43.6192, 11.8685

Background



This preview shows how black text looks on a background with the XYZ color 47.6619, 43.6192, 11.8685.



This preview shows how white text looks on a background with the XYZ color 47.6619, 43.6192,

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

47.6619, 43.6192, 11.8685

Protanopia

40.0181, 43.8226, 13.0060

Deuteranopia

44.5920, 43.6506, 11.7054



Tritanopia

53.5257, 43.4875, 40.6948

Trichromacy



Original Color

47.6619, 43.6192, 11.8685

Protanomaly

42.5669, 43.7011, 12.6702

Deuteranomaly

45.7930, 43.7222, 11.8200

Tritanomaly

50.8428, 43.3932, 26.8151

Monochromacy



Original Color

47.6619, 43.6192, 11.8685

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.1376, 41.7556, 29.1840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6619, 43.6192, 11.8685 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, 162, 71)` looks like.

```
.text, #text, p{  
    color:rgb(233, 162, 71)  
}
```

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, 162, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 162, 71) }
```

Border

The CSS property to change the border of an element to XYZ 47.6619, 43.6192, 11.8685 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, 162, 71) }
```


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

```
.border{ border-color:rgb(233, 162, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 162, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 162, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 162, 71);  
box-shadow:4px 4px 4px 4px rgb(233, 162,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6619, 43.6192, 11.8685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 162, 71) }
```

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

```
.background{ background-color: rgb(233,  
162, 71) }
```

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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