

Converting Colors

XYZ(41.7115, 41.6955, 18.2653)

Have a look what the booklet for
XYZ(41.7115, 41.6955, 18.2653)
contains.

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Color

**XYZ(41.6213, 41.6988,
18.1669)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA765
RGB	206, 167, 101
RGB Percent	81%, 65%, 40%
CMY	0.1922, 0.3451, 0.6039
CMYK	0.00, 0.19, 0.51, 0.19
HSL	38°, 52%, 60%
HSV	38°, 51%, 81%
XYZ	41.6213, 41.6988, 18.1669
YIQ	171.1370, 44.4300, -12.2580

Conversions

Conversions Part 2

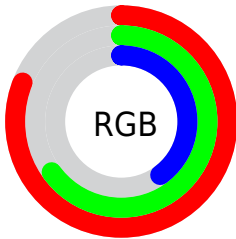
Format	Color
RYB	163, 206, 101
Decimal	13543269
CIELab	70.66, 6.14, 39.31
CIELCh	71, 39.792, 81.118
Yxy	41.6988, 0.4101, 0.4109
Android (android.graphics.Color)	4291733349 (0xFFCEA765)
YUV	171.1370, -34.5775, 30.5749
Hunter-Lab	64.5746, 2.0459, 28.5221

Details

The XYZ color **41.6213, 41.6988, 18.1669** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.8852, 25.9782, 62.0424**, and the grayscale version is **38.9311, 40.9586, 44.6039**.

A 20% lighter version of the original color is **73.1110, 75.8025, 40.9150**, and **19.1450, 18.8990, 5.8876** is the 20% darker color. If you saturate the color by 10%, you get **39.3757, 38.6254, 13.0476**, and if you desaturate by 10%, it is **44.2049, 45.0432, 24.6476**.

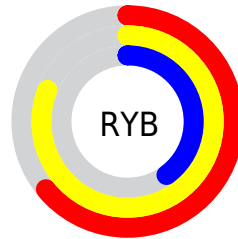
Distribution



Red (81%)

Green (65%)

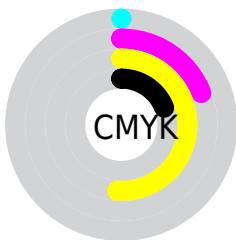
Blue (40%)



Red (64%)

Yellow (81%)

Blue (40%)

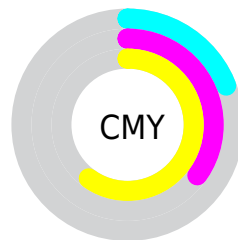


Cyan (0%)

Magenta (19%)

Yellow (51%)

Black (19%)



Cyan (19%)


Magenta (35%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6213, 41.6988, 18.1669 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 41.6213, 41.6988, 18.1669 by changing the saturation by 10% instead.


 41.6213, 41.6988,
18.1669

 41.6213, 41.6988,
18.1669


343.9291,
353.2328, 254.0777

 28.9947, 28.8655,
10.8992


 76.8949, 77.7436,
41.1393


 19.2211, 18.9791,
5.8858


 100.2726,
101.7238, 57.6811

 11.9351, 11.6552,
2.7081


 127.9648,
130.1886, 78.1513

 6.7714, 6.5093,
0.9475

 160.3367,
163.5221, 102.9684

 3.3646, 3.1572,
0.0000

197.7537,
202.1090, 132.5511

 1.3494, 1.2143,
0.0000

240.5812,

 0.2197, 0.0734,

246.3334, 167.3179

0.0000

289.1845,
296.5799, 207.6872

■ 0.0000, 0.0000,
0.0000

■ 41.6213, 41.6988,
18.1669

■ 41.6213, 41.6988,
18.1669

■ 39.3757, 38.6254,
13.0476

■ 44.2049, 45.0432,
24.6476

■ 37.4442, 35.8065,
9.1854

■ 47.1420, 48.6624,
32.5789

■ 35.8045, 33.2324,
6.4644

■ 50.4508, 52.5672,
42.0448

■ 34.4288, 30.8896,
4.7461

■ 54.1471, 56.7663,
53.1225

■ 33.3692, 28.9530,
3.8297

■ 58.2459, 61.2676,
65.8838

■ 62.7611, 66.0787,
80.3963

■ 67.7060, 71.2070,
96.7237

■ 71.3046, 75.9439,
105.5082

■ 73.4587, 80.2520,
106.2262

Harmonies

Analogous

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



48.1274, 41.6988, 22.6151



41.6213, 41.6988, 18.1669



35.2430, 41.6988, 19.2754

Triad

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



41.6213, 41.6988, 18.1669



28.9536, 41.6988, 59.7663



50.3332, 41.6988, 72.1907

Complementary

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



41.6213, 41.6988, 18.1669



25.8852, 25.9782, 62.0424

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.



44.3742, 41.6988, 88.3424



41.6213, 41.6988, 18.1669



32.2028, 41.6988, 79.8982

Square

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



41.6213, 41.6988, 18.1669



28.3904, 41.6988, 40.0296



37.7099, 41.6988, 91.4984



53.5105, 41.6988, 51.2367

Rectangle

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



41.6213, 41.6988, 18.1669



31.8741, 41.6988, 23.1919



37.7099, 41.6988, 91.4984



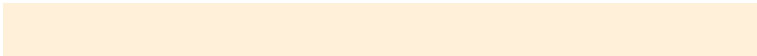
48.5597, 41.6988, 78.5788

Sweetspot

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



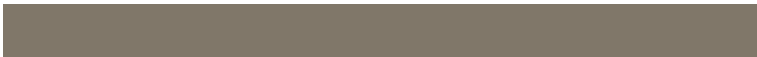
41.6223, 41.7008, 18.1677



85.1264, 89.0458, 78.1762



34.9339, 24.3601, 28.1581



17.9478, 18.7493, 15.9167



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.



41.6223, 41.7008, 18.1677



63.5325, 62.2071, 20.5761



46.6044, 56.5185, 20.7653



11.7901, 12.3691, 11.8455



20.6433, 18.0195, 2.3901



1.1361, 1.0719, 0.1470

Inverse Universe

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



25.8852, 25.9782, 62.0424



35.3389, 34.0861, 99.3245



22.6369, 17.2914, 60.5369



10.9373, 11.5151, 14.2166



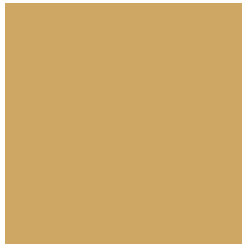
8.5586, 6.1413, 36.6906



0.5137, 0.4612, 1.9169

Previews

White Background



This preview shows how the XYZ color 41.6213, 41.6988, 18.1669 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 41.6213, 41.6988, 18.1669 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 41.6213, 41.6988, 18.1669

Background



This preview shows how black text looks on a background with the XYZ color 41.6213, 41.6988, 18.1669.



This preview shows how white text looks on a background with the XYZ color 41.6213, 41.6988,

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

41.6213, 41.6988, 18.1669

Protanopia

38.3780, 41.6852, 18.8553

Deuteranopia

42.3824, 41.5515, 18.0984



Tritanopia

46.9002, 41.7336, 44.1116

Trichromacy



Original Color

41.6213, 41.6988, 18.1669

Protanomaly

39.4669, 41.6872, 18.5367

Deuteranomaly

42.2797, 41.7673, 18.1454

Tritanomaly

44.6870, 41.6176, 32.8719

Monochromacy



Original Color

41.6213, 41.6988, 18.1669

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3302, 41.0151, 33.0379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6213, 41.6988, 18.1669 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(206, 167, 101)` looks like.

```
.text, #text, p{  
    color:rgb(206, 167, 101)  
}
```

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(206, 167, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 167, 101) }
```

Border

The CSS property to change the border of an element to XYZ 41.6213, 41.6988, 18.1669 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(206, 167, 101) }
```


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

```
.border{ border-color:rgb(206, 167, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 167, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 167, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 167, 101);  
box-shadow:4px 4px 4px 4px rgb(206, 167,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6213, 41.6988, 18.1669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 167, 101) }
```

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

```
.background{ background-color: rgb(206,  
167, 101) }
```

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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