

Converting Colors

XYZ(41.1103, 43.4496, 20.4827)

Have a look what the booklet for
XYZ(41.1103, 43.4496, 20.4827)
contains.

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Color

**XYZ(41.1315, 43.3606,
20.3889)**

Conversions

Conversions Part 1

Format	Color
Hex	C6AE6C
RGB	198, 174, 108
RGB Percent	78%, 68%, 42%
CMY	0.2235, 0.3176, 0.5765
CMYK	0.00, 0.12, 0.45, 0.22
HSL	44°, 44%, 60%
HSV	44°, 45%, 78%
XYZ	41.1315, 43.3606, 20.3889
YIQ	173.6520, 35.4900, -15.4380

Conversions

Conversions Part 2

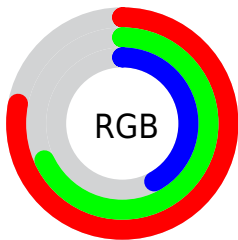
Format	Color
RYB	141, 198, 108
Decimal	13020780
CIELab	71.80, -0.25, 36.96
CIElCh	72, 36.957, 90.387
Yxy	43.3606, 0.3922, 0.4134
Android (android.graphics.Color)	4291210860 (0xFFC6AE6C)
YUV	173.6520, -32.3664, 21.3532
Hunter-Lab	65.8488, -3.7378, 27.7360

Details

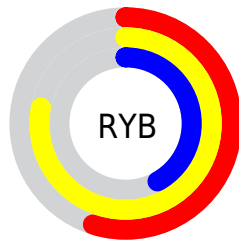
The XYZ color **41.1315, 43.3606, 20.3889** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **24.6283, 23.7670, 56.7153**, and the grayscale version is **40.2024, 42.2961, 46.0605**.

A 20% lighter version of the original color is **75.6045, 79.8367, 44.6829**, and **18.9043, 19.9856, 6.9989** is the 20% darker color. If you saturate the color by 10%, you get **39.1956, 40.9879, 15.1221**, and if you desaturate by 10%, it is **43.3490, 45.9133, 26.9312**.

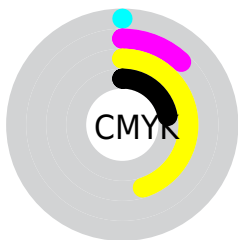
Distribution



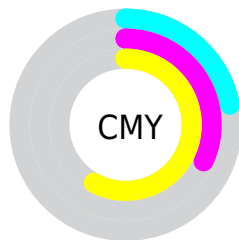
- Red (78%)
- Green (68%)
- Blue (42%)



- Red (55%)
- Yellow (78%)
- Blue (42%)



- Cyan (0%)
- Magenta (12%)
- Yellow (45%)
- Black (22%)





- Cyan (22%)
- Magenta (32%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1315, 43.3606, 20.3889 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 41.1315, 43.3606, 20.3889 by changing the saturation by 10% instead.


 41.1315, 43.3606,
20.3889


 41.1315, 43.3606,
20.3889


341.9231,
360.0926, 266.6863

 28.6100, 30.1682,
12.4912


 76.1569, 80.2547,
44.9358


 18.9288, 19.9663,
6.9525

 99.3915, 104.7252,
62.4220

 11.7225, 12.3705,
3.3544

 126.9279,
133.7238, 83.9414

 6.6259, 6.9965,
1.2783

 159.1313,
167.6350, 109.9127

 3.2735, 3.4599,
0.0439

196.3672,
206.8430, 140.7542

 1.3000, 1.3763,
0.0000

239.0009,

 0.1832, 0.1992,

251.7324, 176.8847

0.0000

287.3978,
302.6875, 218.7225

■ 0.0000, 0.0000,
0.0000

■ 41.1315, 43.3606,
20.3889

■ 41.1315, 43.3606,
20.3889

■ 39.1956, 40.9879,
15.1221

■ 43.3490, 45.9133,
26.9312

■ 37.5211, 38.7816,
11.0414

■ 45.8601, 48.6466,
34.8247

■ 36.0903, 36.7354,
8.0504


■ 48.6801, 51.5691,
44.1424


■ 34.8811, 34.8399,
6.0359


■ 51.8221, 54.6866,
54.9513


■ 33.8669, 33.0834,
4.8593


■ 55.2983, 58.0047,
67.3141

 33.4463, 32.3210,
4.4758

 59.1204, 61.5288,
81.2899

 63.2994, 65.2639,
96.9347

 65.9551, 68.4586,
104.3454

 67.3313, 71.2111,
104.8041

Harmonies

Analogous

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



47.4717, 43.3606, 23.0793



41.1315, 43.3606, 20.3889



35.4023, 43.3606, 23.2245

Triad

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



41.1315, 43.3606, 20.3889



31.6504, 43.3606, 66.9525



52.6262, 43.3606, 66.4434

Complementary

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



41.1315, 43.3606, 20.3889



24.6283, 23.7670, 56.7153

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.



47.6270, 43.3606, 83.7640



41.1315, 43.3606, 20.3889



35.5300, 43.3606, 84.1066

Square

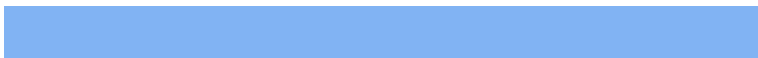
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.1315, 43.3606, 20.3889



30.2799, 43.3606, 47.4461



41.2945, 43.3606, 90.9189



54.5040, 43.3606, 46.9793

Rectangle

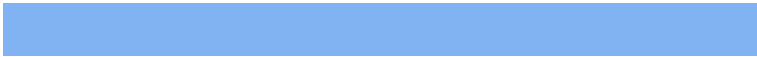
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.1315, 43.3606, 20.3889



32.5938, 43.3606, 28.4187



41.2945, 43.3606, 90.9189



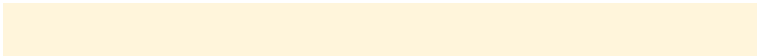
51.2316, 43.3606, 72.8699

Sweetspot

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



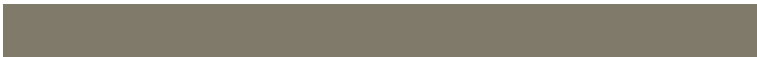
41.1326, 43.3626, 20.3898



86.8642, 91.9871, 80.4022



32.8163, 24.3972, 24.8098



18.3448, 19.4382, 16.3731



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.



41.1326, 43.3626, 20.3898



69.2900, 72.4318, 26.4731



41.0324, 50.8179, 21.8341



11.2755, 11.9201, 11.2693



21.8244, 21.1660, 2.9352



1.0906, 1.1166, 0.1580

Inverse Universe

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



24.6283, 23.7670, 56.7153



36.3387, 33.3505, 99.1298



24.6092, 19.4700, 55.8869



10.2829, 10.7398, 13.4485



7.5114, 4.4166, 35.2010



0.4172, 0.3322, 1.6873

Previews

White Background



This preview shows how the XYZ color 41.1315, 43.3606, 20.3889 looks on a white background.

Color Contrast Check

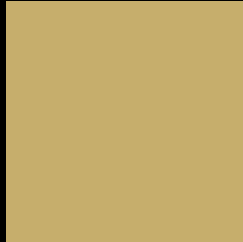
Large Text (above 18pt) WCAG AA × Fail

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 41.1315, 43.3606, 20.3889 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 41.1315, 43.3606, 20.3889

Background



This preview shows how black text looks on a background with the XYZ color 41.1315, 43.3606, 20.3889.



This preview shows how white text looks on a background with the XYZ color 41.1315, 43.3606,

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

41.1315, 43.3606, 20.3889

Protanopia

40.0239, 43.3613, 20.7281

Deuteranopia

44.2035, 43.2555, 20.4874



Tritanopia

46.6679, 43.1038, 47.9797

Trichromacy



Original Color

41.1315, 43.3606, 20.3889

Protanomaly

40.3384, 43.2334, 20.6868

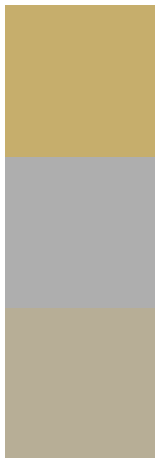
Deuteranomaly

43.1475, 43.2635, 20.5446

Tritanomaly

44.1095, 42.8617, 36.0853

Monochromacy



Original Color

41.1315, 43.3606, 20.3889

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.1695, 42.5414, 34.9483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1315, 43.3606, 20.3889 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(198, 174, 108)` looks like.

```
.text, #text, p{  
    color:rgb(198, 174, 108)  
}
```

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(198, 174, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 174, 108) }
```

Border

The CSS property to change the border of an element to XYZ 41.1315, 43.3606, 20.3889 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(198, 174, 108) }
```


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

```
.border{ border-color:rgb(198, 174, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 174, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 174, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 174, 108);  
box-shadow:4px 4px 4px 4px rgb(198, 174,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1315, 43.3606, 20.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 174, 108) }
```

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

```
.background{ background-color: rgb(198,  
174, 108) }
```

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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