

Converting Colors

XYZ(41.3483, 46.2791, 15.3480)

Have a look what the booklet for
XYZ(41.3483, 46.2791, 15.3480)
contains.

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Color

**XYZ(41.3381, 46.2586,
15.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B755
RGB	196, 183, 85
RGB Percent	77%, 72%, 33%
CMY	0.2314, 0.2823, 0.6667
CMYK	0.00, 0.07, 0.57, 0.23
HSL	53°, 48%, 55%
HSV	53°, 57%, 77%
XYZ	41.3381, 46.2586, 15.3444
YIQ	175.7150, 39.2060, -27.7220

Conversions

Conversions Part 2

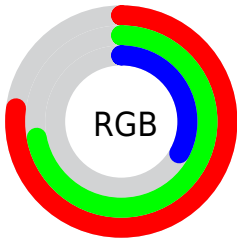
Format	Color
RYB	100, 196, 85
Decimal	12891989
CIELab	73.71, -7.87, 50.60
CIELCh	74, 51.207, 98.838
Yxy	46.2586, 0.4016, 0.4494
Android (android.graphics.Color)	4291082069 (0xFFC4B755)
YUV	175.7150, -44.7225, 17.7899
Hunter-Lab	68.0137, -10.5332, 34.2333

Details

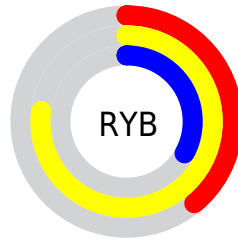
The XYZ color **41.3381, 46.2586, 15.3444** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **18.0777, 14.6518, 54.0995**, and the grayscale version is **41.3306, 43.4830, 47.3530**.

A 20% lighter version of the original color is **76.6939, 84.8280, 36.3760**, and **19.0724, 21.6505, 4.6126** is the 20% darker color. If you saturate the color by 10%, you get **40.1958, 45.0523, 11.6399**, and if you desaturate by 10%, it is **42.7060, 47.5710, 20.1891**.

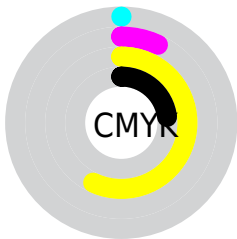
Distribution



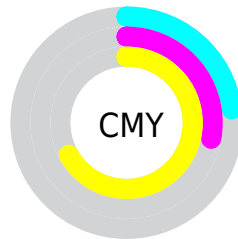
- Red (77%)
- Green (72%)
- Blue (33%)



- Red (39%)
- Yellow (77%)
- Blue (33%)



- Cyan (0%)
- Magenta (7%)
- Yellow (57%)
- Black (23%)



- Cyan (23%)
- Magenta (28%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3381, 46.2586, 15.3444 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 41.3381, 46.2586, 15.3444 by changing the saturation by 10% instead.

41.3381, 46.2586,
15.3444

41.3381, 46.2586,
15.3444

342.7702,
371.8473, 237.1536

28.7722, 32.4499,
8.9121

76.4683, 84.6059,
36.2070

19.0520, 21.7054,
4.5879

99.7634, 109.9133,
51.4745

11.8121, 13.6406,
1.9531

127.3656,
139.8224, 70.5242

6.6871, 7.8711,
0.5262

159.6402,
174.7176, 93.7745

3.3118, 4.0126,
0.0000

196.9526,
214.9833, 121.6441

1.3207, 1.6806,
0.0000

239.6682,

0.1986, 0.4111,

261.0039, 154.5514

0.0000

288.1522,
313.1638, 192.9151

■ 0.0000, 0.0000,
0.0000

■ 41.3381, 46.2586,
15.3444

■ 41.3381, 46.2586,
15.3444

■ 40.1958, 45.0523,
11.6399

■ 42.7060, 47.5710,
20.1891

■ 39.2574, 43.9381,
8.9763

■ 44.3124, 48.9894,
26.2565

■ 38.5027, 42.9096,
7.2423

■ 46.1732, 50.5221,
33.6247

■ 37.9037, 41.9555,
6.2901

■ 48.3018, 52.1744,
42.3647

■ 37.7188, 41.6436,
6.0500

■ 50.7107, 53.9514,
52.5421

■ 53.4116, 55.8578,
64.2185

■ 56.4156, 57.8982,
77.4517

■ 59.7332, 60.0767,
92.2966

■ 62.3260, 61.9781,
103.2858

Harmonies

Analogous

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



50.5794, 46.2586, 16.6376



41.3381, 46.2586, 15.3444



33.8981, 46.2586, 20.5870

Triad

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



41.3381, 46.2586, 15.3444



31.7171, 46.2586, 88.7023



62.3508, 46.2586, 70.6714

Complementary

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



41.3381, 46.2586, 15.3444



18.0777, 14.6518, 54.0995

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.



55.8560, 46.2586, 100.2443



41.3381, 46.2586, 15.3444



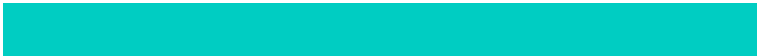
37.9583, 46.2586, 112.9029

Square

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



41.3381, 46.2586, 15.3444



28.8678, 46.2586, 58.4507



46.7059, 46.2586, 117.7310



63.5839, 46.2586, 43.0666

Rectangle

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



41.3381, 46.2586, 15.3444



30.6506, 46.2586, 28.6634



46.7059, 46.2586, 117.7310



60.6716, 46.2586, 80.9411

Sweetspot

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



41.3392, 46.2608, 15.3453



87.2419, 94.3205, 75.6637



28.3042, 19.1494, 14.2109



18.4977, 20.0545, 15.4663



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.



41.3392, 46.2608, 15.3453



72.3704, 81.1083, 19.7442



34.9550, 47.1339, 15.8504



10.8095, 11.5505, 10.7216



24.2771, 26.8401, 3.9011



1.0780, 1.2178, 0.1782

Inverse Universe

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



18.0777, 14.6518, 54.0995



26.2365, 18.4790, 96.7917



21.7727, 14.8959, 53.9519



9.6212, 9.9337, 12.6951



6.6318, 3.0201, 33.7900



0.3187, 0.1949, 1.4707

Previews

White Background



This preview shows how the XYZ color 41.3381, 46.2586, 15.3444 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 41.3381, 46.2586, 15.3444 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 41.3381, 46.2586, 15.3444

Background



This preview shows how black text looks on a background with the XYZ color 41.3381, 46.2586, 15.3444.

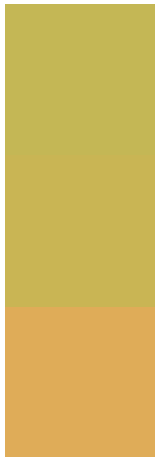


This preview shows how white text looks on a background with the XYZ color 41.3381, 46.2586,

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

41.3381, 46.2586, 15.3444

Protanopia

42.2115, 46.1053, 15.0619

Deuteranopia

46.9454, 45.8976, 15.6174



Tritanopia

48.7923, 46.0294, 52.7673

Trichromacy



Original Color

41.3381, 46.2586, 15.3444

Protanomaly

41.8814, 46.2381, 15.1050

Deuteranomaly

44.6862, 45.8849, 15.5183

Tritanomaly

45.3073, 45.7772, 34.8817

Monochromacy



Original Color

41.3381, 46.2586, 15.3444

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.6065, 44.2906, 32.3954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3381, 46.2586, 15.3444 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(196, 183, 85)` looks like.

```
.text, #text, p{  
    color:rgb(196, 183, 85)  
}
```

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(196, 183, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 183, 85) }
```

Border

The CSS property to change the border of an element to XYZ 41.3381, 46.2586, 15.3444 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(196, 183, 85) }
```


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

```
.border{ border-color:rgb(196, 183, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 183, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 183, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 183, 85);  
box-shadow:4px 4px 4px 4px rgb(196, 183,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3381, 46.2586, 15.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 183, 85) }
```

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

```
.background{ background-color: rgb(196,  
183, 85) }
```

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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