

Converting Colors

XYZ(46.4646, 46.2026, 25.5907)

Have a look what the booklet for
XYZ(46.4646, 46.2026, 25.5907)
contains.

XYZ(46.4086, 46.2613, 25.5521)	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(46.4086, 46.2613,
25.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	D5AF7C
RGB	213, 175, 124
RGB Percent	84%, 69%, 49%
CMY	0.1647, 0.3137, 0.5137
CMYK	0.00, 0.18, 0.42, 0.16
HSL	34°, 51%, 66%
HSV	34°, 42%, 84%
XYZ	46.4086, 46.2613, 25.5521
YIQ	180.5480, 39.0190, -7.8050

Conversions

Conversions Part 2

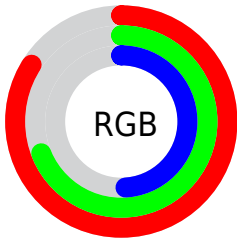
Format	Color
RYB	190, 213, 124
Decimal	14004092
CIELab	73.71, 7.02, 31.32
CIELCh	74, 32.095, 77.364
Yxy	46.2613, 0.3926, 0.3913
Android (android.graphics.Color)	4292194172 (0xFFD5AF7C)
YUV	180.5480, -27.8782, 28.4604
Hunter-Lab	68.0157, 2.7671, 25.3369

Details

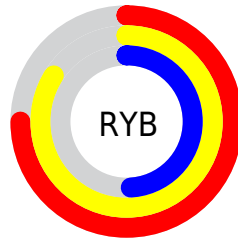
The XYZ color **46.4086, 46.2613, 25.5521** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.2422, 34.9285, 67.9405**, and the grayscale version is **43.8088, 46.0903, 50.1923**.

A 20% lighter version of the original color is **77.4726, 81.0280, 53.1517**, and **22.2236, 21.8284, 9.5206** is the 20% darker color. If you saturate the color by 10%, you get **43.4940, 42.3600, 18.6375**, and if you desaturate by 10%, it is **49.7356, 50.5218, 34.0405**.

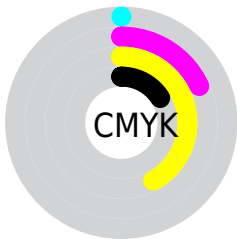
Distribution



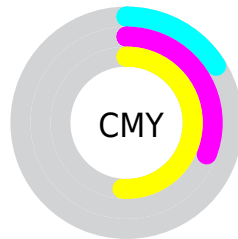
- Red (84%)
- Green (69%)
- Blue (49%)



- Red (75%)
- Yellow (84%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (42%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.4086, 46.2613, 25.5521 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 46.4086, 46.2613, 25.5521 by changing the saturation by 10% instead.


 46.4086, 46.2613,
25.5521


 46.4086, 46.2613,
25.5521


363.1374,
371.8582, 294.1116


 32.7744, 32.4521,
16.2661

 84.0543, 84.6099,
53.5267

 22.1121, 21.7070,
9.5563


 108.7965,
109.9181, 73.0523

 14.0563, 13.6418,
5.0040


 137.9720,
139.8280, 96.8283

 8.2418, 7.8719,
2.1908

171.9462,
174.7242, 125.2731

 4.3032, 4.0131,
0.6691

211.0845,
214.9908, 158.8053

 1.8750, 1.6809,
0.0000

255.7523,

 0.5623, 0.4112,

261.0125, 197.8434

0.0000

306.3148,
313.1734, 242.8060

■ 0.0000, 0.0000,
0.0000

■ 46.4086, 46.2613,
25.5521

■ 46.4086, 46.2613,
25.5521

■ 43.4940, 42.3600,
18.6375

■ 49.7356, 50.5218,
34.0405

■ 40.9672, 38.7990,
13.1936

■ 53.4912, 55.1462,
44.1914

■ 38.8058, 35.5674,
9.1090


■ 57.6945, 60.1477,
56.0902


■ 36.9830, 32.6503,
6.2552


■ 62.3625, 65.5363,
69.8155


■ 35.4672, 30.0312,
4.4784

■ 67.5111, 71.3217,
85.4410

 34.4084, 28.0818,
3.6068

 73.1556, 77.5134,
103.0365

 76.2569, 82.8989,
106.5897

 78.9814, 88.3479,
107.4978

 81.2505, 92.8861,
108.2542

Harmonies

Analogous

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



51.8101, 46.2613, 30.6459



46.4086, 46.2613, 25.5521



40.7828, 46.2613, 25.9804

Triad

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



46.4086, 46.2613, 25.5521



34.3268, 46.2613, 60.3197



52.5260, 46.2613, 74.7326

Complementary

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



46.4086, 46.2613, 25.5521



33.2422, 34.9285, 67.9405

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.



47.3190, 46.2613, 86.6135



46.4086, 46.2613, 25.5521



36.9636, 46.2613, 77.1375

Square

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



46.4086, 46.2613, 25.5521



34.1289, 46.2613, 43.8185



41.6183, 46.2613, 87.5781



55.5414, 46.2613, 57.5455

Rectangle

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



46.4086, 46.2613, 25.5521



37.6549, 46.2613, 29.3342



41.6183, 46.2613, 87.5781



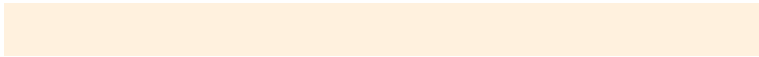
50.9544, 46.2613, 79.6264

Sweetspot

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



46.4098, 46.2635, 25.5530



85.8150, 89.3465, 81.7245



41.2205, 31.1907, 38.2954



18.0581, 18.7581, 16.6064



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.



46.4098, 46.2635, 25.5530



65.8897, 64.3779, 29.2034



53.1831, 62.3186, 28.2950



13.0082, 13.5906, 13.0983



21.1214, 17.3601, 2.2376



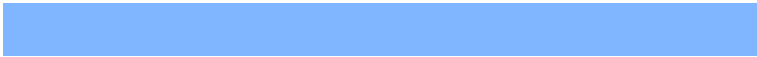
1.3553, 1.2098, 0.1621

Inverse Universe

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



33.2422, 34.9285, 67.9405



43.5909, 45.1982, 101.0344



28.4140, 23.9605, 66.0779



12.1741, 12.8717, 15.7804



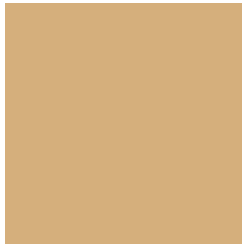
9.7148, 7.6915, 39.4257



0.6671, 0.6262, 2.4050

Previews

White Background



This preview shows how the XYZ color 46.4086, 46.2613, 25.5521 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 46.4086, 46.2613, 25.5521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

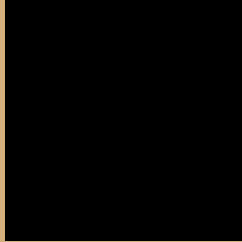
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.4086, 46.2613, 25.5521

Background



This preview shows how black text looks on a background with the XYZ color 46.4086, 46.2613, 25.5521.



This preview shows how white text looks on a background with the XYZ color 46.4086, 46.2613,

25.5521.

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

46.4086, 46.2613, 25.5521

Protanopia

43.1196, 46.3158, 26.7459

Deuteranopia

47.3894, 46.4791, 25.5424



Tritanopia

51.5565, 46.4015, 49.9551

Trichromacy



Original Color

46.4086, 46.2613, 25.5521

Protanomaly

44.2431, 46.3031, 26.3442

Deuteranomaly

47.0930, 46.3263, 25.5286

Tritanomaly

49.5233, 46.4156, 39.6066

Monochromacy



Original Color

46.4086, 46.2613, 25.5521

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.4576, 46.1157, 39.8158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4086, 46.2613, 25.5521 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(213, 175, 124)` looks like.

```
.text, #text, p{  
    color:rgb(213, 175, 124)  
}
```

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(213, 175, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 175, 124) }
```

Border

The CSS property to change the border of an element to XYZ 46.4086, 46.2613, 25.5521 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(213, 175, 124) }
```


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

```
.border{ border-color:rgb(213, 175, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 175, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 175, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 175, 124);  
box-shadow:4px 4px 4px 4px rgb(213, 175,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4086, 46.2613, 25.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 175, 124) }
```

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

```
.background{ background-color: rgb(213,  
175, 124) }
```

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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