

Converting Colors

XYZ(46.0650, 47.0851, 25.6191)

Have a look what the booklet for
XYZ(46.0650, 47.0851, 25.6191)
contains.

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Color

**XYZ(46.1368, 46.9977,
25.7086)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B27C
RGB	210, 178, 124
RGB Percent	82%, 70%, 49%
CMY	0.1765, 0.3019, 0.5137
CMYK	0.00, 0.15, 0.41, 0.18
HSL	38°, 49%, 65%
HSV	38°, 41%, 82%
XYZ	46.1368, 46.9977, 25.7086
YIQ	181.4120, 36.4060, -10.0100

Conversions

Conversions Part 2

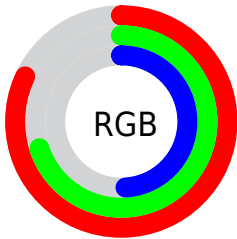
Format	Color
RYB	175, 210, 124
Decimal	13808252
CIELab	74.19, 4.21, 31.88
CIELCh	74, 32.159, 82.479
Yxy	46.9977, 0.3882, 0.3955
Android (android.graphics.Color)	4291998332 (0xFFD2B27C)
YUV	181.4120, -28.3041, 25.0717
Hunter-Lab	68.5549, 0.1578, 25.7542

Details

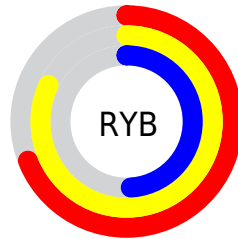
The XYZ color **46.1368, 46.9977, 25.7086** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.8330, 32.7139, 65.6092**, and the grayscale version is **44.2798, 46.5858, 50.7320**.

A 20% lighter version of the original color is **78.5986, 83.2800, 53.5270**, and **22.0233, 22.2861, 9.6195** is the 20% darker color. If you saturate the color by 10%, you get **43.4374, 43.5027, 18.9399**, and if you desaturate by 10%, it is **49.2099, 50.7873, 33.9981**.

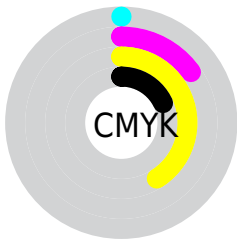
Distribution



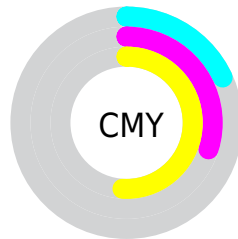
- Red (82%)
- Green (70%)
- Blue (49%)



- Red (69%)
- Yellow (82%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (41%)
- Black (18%)



- Cyan (18%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1368, 46.9977, 25.7086 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 46.1368, 46.9977, 25.7086 by changing the saturation by 10% instead.

■ 46.1368, 46.9977,
25.7086

■ 46.1368, 46.9977,
25.7086

362.0651,
374.8053, 294.9085

■ 32.5589, 33.0338,
16.3820

■ 83.6503, 85.7102,
53.7828

■ 21.9463, 22.1524,
9.6376

■ 108.3166,
111.2276, 73.3674

■ 13.9339, 13.9689,
5.0569

■ 137.4097,
141.3650, 97.2084

■ 8.1561, 8.0990,
2.2213

171.2950,
176.5068, 125.7244

■ 4.2476, 4.1584,
0.6866

210.3378,
217.0373, 159.3338

■ 1.8432, 1.7626,
0.0000

254.9035,

■ 0.5435, 0.4637,

263.3409, 198.4553

0.0000

305.3575,
315.8022, 243.5073

■ 0.0000, 0.0000,
0.0000

■ 46.1368, 46.9977,
25.7086

■ 46.1368, 46.9977,
25.7086

■ 43.4374, 43.5027,
18.9399

■ 49.2099, 50.7873,
33.9981

■ 41.0887, 40.2856,
13.5933

■ 52.6711, 54.8743,
43.8930

■ 39.0701, 37.3375,
9.5628

■ 56.5383, 59.2700,
55.4751

■ 37.3569, 34.6461,
6.7261

■ 60.8270, 63.9826,
68.8196

■ 35.9201, 32.1971,
4.9377

■ 65.5520, 69.0201,
83.9972

■ 34.8123, 30.1696,
3.9885

■ 70.7271, 74.3903,
101.0749

■ 73.6807, 79.0266,
105.9780

■ 75.9378, 83.5408,
106.7304

■ 78.2941, 88.2532,
107.5158

Harmonies

Analogous

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



51.7679, 46.9977, 29.8956



46.1368, 46.9977, 25.7086



40.5639, 46.9977, 27.0843

Triad

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



46.1368, 46.9977, 25.7086



35.1892, 46.9977, 64.2969



54.0521, 46.9977, 73.0480

Complementary

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



46.1368, 46.9977, 25.7086



31.8330, 32.7139, 65.6092

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.



49.0440, 46.9977, 86.4737



46.1368, 46.9977, 25.7086



38.2523, 46.9977, 80.7106

Square

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



46.1368, 46.9977, 25.7086



34.5559, 46.9977, 47.1281



43.2344, 46.9977, 89.5441



56.5867, 46.9977, 55.4419

Rectangle

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



46.1368, 46.9977, 25.7086



37.5937, 46.9977, 31.1462



43.2344, 46.9977, 89.5441



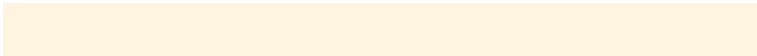
52.5826, 46.9977, 78.3423

Sweetspot

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



46.1380, 46.9999, 25.7096



86.9841, 91.1339, 83.8118



39.8692, 30.5506, 35.6793



18.4428, 19.3092, 17.4072



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.



46.1380, 46.9999, 25.7096



67.9541, 68.2361, 30.7260



50.4952, 59.8231, 27.9550



12.4184, 13.0275, 12.4721



21.3342, 18.6014, 2.4660



1.2676, 1.1894, 0.1628

Inverse Universe

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



31.8330, 32.7139, 65.6092



42.8942, 43.2309, 100.6914



28.6778, 24.1401, 64.1206



11.5188, 12.1279, 14.9775



8.8520, 6.3507, 37.9517



0.5701, 0.5054, 2.1471

Previews

White Background



This preview shows how the XYZ color 46.1368, 46.9977, 25.7086 looks on a white background.

Color Contrast Check

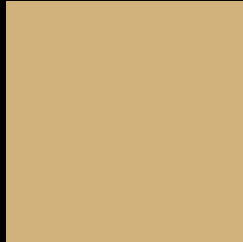
Large Text (above 18pt) WCAG AA × Fail

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 46.1368, 46.9977, 25.7086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

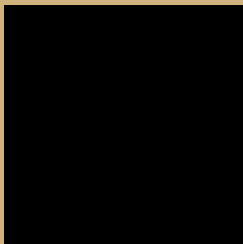
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.1368, 46.9977, 25.7086

Background



This preview shows how black text looks on a background with the XYZ color 46.1368, 46.9977, 25.7086.



This preview shows how white text looks on a background with the XYZ color 46.1368, 46.9977,

25.7086.

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

46.1368, 46.9977, 25.7086

Protanopia

43.5198, 46.8326, 26.4845

Deuteranopia

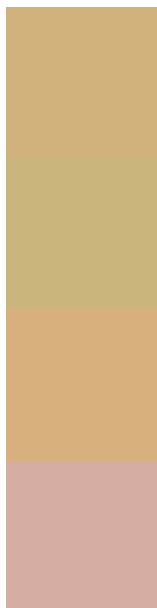
47.9451, 47.0460, 25.9559



Tritanopia

51.3454, 46.8091, 51.6763

Trichromacy



Original Color

46.1368, 46.9977, 25.7086

Protanomaly

44.5827, 47.0850, 26.1406

Deuteranomaly

47.2513, 46.9784, 25.9794

Tritanomaly

49.1967, 46.7919, 40.6212

Monochromacy



Original Color

46.1368, 46.9977, 25.7086

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.4046, 46.3870, 39.8709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1368, 46.9977, 25.7086 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(210, 178, 124)` looks like.

```
.text, #text, p{  
    color:rgb(210, 178, 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(210, 178, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 178, 124) }
```

Border

The CSS property to change the border of an element to XYZ 46.1368, 46.9977, 25.7086 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(210, 178, 124) }
```


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

```
.border{ border-color:rgb(210, 178, 124) }
```

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

Here you see how a box with a 4 pixel rgb(210, 178, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 178, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 178, 124);  
box-shadow:4px 4px 4px 4px rgb(210, 178,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1368, 46.9977, 25.7086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 178, 124) }
```

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

```
.background{ background-color: rgb(210,  
178, 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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