

Converting Colors

XYZ(37.2176, 29.1129, 14.6376)

Have a look what the booklet for
XYZ(37.2176, 29.1129, 14.6376)
contains.

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Color

**XYZ(37.2676, 29.1182,
14.7225)**

Conversions

Conversions Part 1

Format	Color
Hex	D87960
RGB	216, 121, 96
RGB Percent	85%, 47%, 38%
CMY	0.1529, 0.5255, 0.6235
CMYK	0.00, 0.44, 0.56, 0.15
HSL	13°, 61%, 61%
HSV	13°, 56%, 85%
XYZ	37.2676, 29.1182, 14.7225
YIQ	146.5550, 64.6450, 12.3650

Conversions

Conversions Part 2

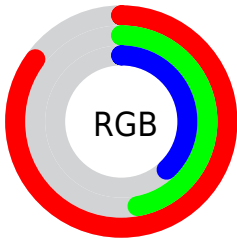
Format	Color
RYB	216, 128, 96
Decimal	14186848
CIELab	60.89, 34.56, 29.91
CIElCh	61, 45.702, 40.877
Yxy	29.1182, 0.4595, 0.3590
Android (android.graphics.Color)	4292376928 (0xFFD87960)
YUV	146.5550, -24.9236, 60.9033
Hunter-Lab	53.9613, 28.8463, 21.5965

Details

The XYZ color **37.2676, 29.1182, 14.7225** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.8482, 44.7039, 71.7048**, and the grayscale version is **27.6311, 29.0701, 31.6573**.

A 20% lighter version of the original color is **61.8364, 54.0265, 34.7728**, and **16.6492, 11.7702, 4.3001** is the 20% darker color. If you saturate the color by 10%, you get **34.5094, 24.9807, 9.5526**, and if you desaturate by 10%, it is **40.6687, 34.1046, 21.4549**.

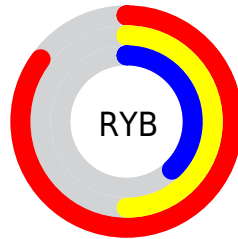
Distribution



Red (85%)

Green (47%)

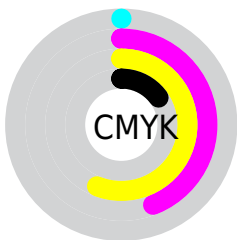
Blue (38%)



Red (85%)

Yellow (50%)

Blue (38%)

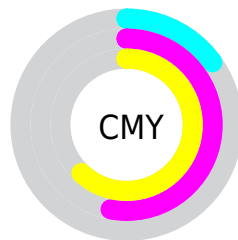


Cyan (0%)

Magenta (44%)

Yellow (56%)

Black (15%)



Cyan (15%)


Magenta (53%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2676, 29.1182, 14.7225 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 37.2676, 29.1182, 14.7225 by changing the saturation by 10% instead.


 37.2676, 29.1182,
14.7225


 37.2676, 29.1182,
14.7225


325.8031,
297.7723, 233.2630

 25.5894, 19.1703,
8.4804


 70.2953, 58.2648,
35.1010

 16.6478, 11.7934,
4.3117


 92.3755, 78.2323,
50.0745

 10.0774, 6.6031,
1.7979


 118.6538,
102.3084, 68.7956

 5.5130, 3.2152,
0.4265

 149.4954,
130.8775, 91.6827

 2.5891, 1.2451,
0.0000

185.2658,
164.3241, 119.1545

 0.9404, 0.0981,
0.0000

226.3303,

 0.0000, 0.0000,

203.0325, 151.6294

0.0000

273.0543,
247.3871, 189.5261

■ 37.2676, 29.1182,
14.7225

■ 37.2676, 29.1182,
14.7225

■ 34.5094, 24.9807,
9.5526

■ 40.6687, 34.1046,
21.4549

■ 32.3495, 21.6395,
5.8161

■ 44.7491, 39.9796,
29.8615

■ 30.7408, 19.0429,
3.3657

■ 49.5446, 46.7857,
40.0456

■ 29.6268, 17.1307,
2.0208

■ 55.0881, 54.5614,
52.1015

■ 29.2575, 16.4764,
1.6382

■ 61.4102, 63.3429,
66.1171

■ 68.5399, 73.1647,
82.1745

■ 76.5047, 84.0594,
100.3512

■ 82.1288, 93.3389,
108.2953

Harmonies

Analogous

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



40.5117, 29.1182, 25.9109



37.2676, 29.1182, 14.7225



31.5990, 29.1182, 9.7189

Triad

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



37.2676, 29.1182, 14.7225



18.2062, 29.1182, 22.1298



29.8932, 29.1182, 76.0406

Complementary

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



37.2676, 29.1182, 14.7225



35.8482, 44.7039, 71.7048

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.



24.0919, 29.1182, 73.8747



37.2676, 29.1182, 14.7225



17.8858, 29.1182, 38.3037

Square

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



37.2676, 29.1182, 14.7225



20.8387, 29.1182, 12.8121



19.8898, 29.1182, 58.3708



35.8658, 29.1182, 63.5243

Rectangle

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



37.2676, 29.1182, 14.7225



27.5012, 29.1182, 8.9208



19.8898, 29.1182, 58.3708



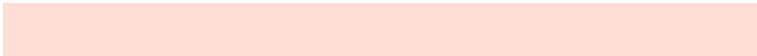
27.8515, 29.1182, 77.0941

Sweetspot

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



37.2683, 29.1197, 14.7230



78.8524, 77.5416, 72.8672



42.0162, 26.7706, 52.8219



16.5158, 16.0907, 14.8057



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.



37.2683, 29.1197, 14.7230



49.5327, 35.2757, 12.6166



46.7514, 48.0860, 17.8841



12.6308, 12.8359, 12.9726



17.3808, 9.8789, 0.9907



1.1090, 0.7173, 0.0800

Inverse Universe

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



35.8482, 44.7039, 71.7048



47.1552, 59.9829, 103.7003



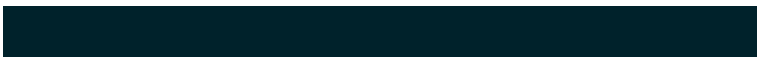
25.4700, 23.9474, 68.2454



12.5623, 13.6480, 15.9097



16.0351, 20.3319, 41.5325



1.0236, 1.3392, 2.5239

Previews

White Background



This preview shows how the XYZ color 37.2676, 29.1182, 14.7225 looks on a white background.

Color Contrast Check

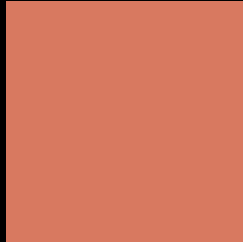
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.2676, 29.1182, 14.7225 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 × Fail

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

XYZ 37.2676, 29.1182, 14.7225

Background



This preview shows how black text looks on a background with the XYZ color 37.2676, 29.1182, 14.7225.



This preview shows how white text looks on a background with the XYZ color 37.2676, 29.1182,

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

37.2676, 29.1182, 14.7225

Protanopia

27.1881, 29.1981, 18.1127

Deuteranopia

29.8167, 29.2874, 14.2067



Tritanopia

38.9764, 29.1087, 22.9663

Trichromacy



Original Color

37.2676, 29.1182, 14.7225

Protanomaly

30.1271, 28.7399, 16.7915

Deuteranomaly

32.2391, 29.0470, 14.2634

Tritanomaly

38.1310, 28.9235, 19.4927

Monochromacy



Original Color

37.2676, 29.1182, 14.7225

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.9980, 28.5061, 24.3432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2676, 29.1182, 14.7225 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(216, 121, 96)` looks like.

```
.text, #text, p{  
    color:rgb(216, 121, 96)  
}
```

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(216, 121, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 121, 96) }
```

Border

The CSS property to change the border of an element to XYZ 37.2676, 29.1182, 14.7225 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(216, 121, 96) }
```


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

```
.border{ border-color:rgb(216, 121, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 121, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 121, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 121, 96);  
box-shadow:4px 4px 4px 4px rgb(216, 121,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2676, 29.1182, 14.7225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 121, 96) }
```

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

```
.background{ background-color: rgb(216,  
121, 96) }
```

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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