

Converting Colors

XYZ(45.3162, 30.0950, 14.5998)

Have a look what the booklet for
XYZ(45.3162, 30.0950, 14.5998)
contains.

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Color

**XYZ(45.2205, 30.1214,
14.4970)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F76660 |
| RGB | 247, 102, 96 |
| RGB Percent | 97%, 40%, 38% |
| CMY | 0.0314, 0.6000, 0.6235 |
| CMYK | 0.00, 0.59, 0.61, 0.03 |
| HSL | 2°, 90%, 67% |
| HSV | 2°, 61%, 97% |
| XYZ | 45.2205, 30.1214, 14.4970 |
| YIQ | 144.6710, 88.3460, 28.8740 |

Conversions

Conversions Part 2

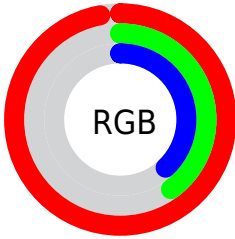
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 247, 102, 96 |
| Decimal | 16213600 |
| CIE _{Lab} | 61.76, 55.17, 31.94 |
| CIE _{LCh} | 62, 63.746, 30.071 |
| Yxy | 30.1214, 0.5034, 0.3353 |
| Android (android.graphics.Color) | 4294403680 (0xFFFF76660) |
| YUV | 144.6710, -23.9948, 89.7425 |
| Hunter-Lab | 54.8830, 51.0288, 22.7570 |

Details

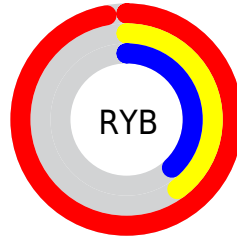
The XYZ color **45.2205, 30.1214, 14.4970** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **53.0654, 72.1081, 99.1168**, and the grayscale version is **26.8504, 28.2487, 30.7629**.

A 20% lighter version of the original color is **58.7333, 47.8203, 33.7384**, and **21.5003, 12.4128, 4.1684** is the 20% darker color. If you saturate the color by 10%, you get **42.2498, 25.7232, 8.7503**, and if you desaturate by 10%, it is **49.2164, 35.9989, 22.3477**.

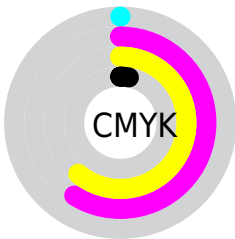
Distribution



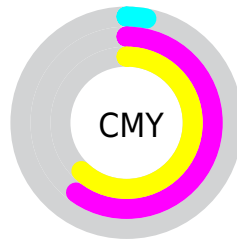
- Red (97%)
- Green (40%)
- Blue (38%)



- Red (97%)
- Yellow (40%)
- Blue (38%)



- Cyan (0%)
- Magenta (59%)
- Yellow (61%)
- Black (3%)




- Cyan (3%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2205, 30.1214, 14.4970 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 45.2205, 30.1214, 14.4970 by changing the saturation by 10% instead.


 45.2205, 30.1214,
14.4970


 45.2205, 30.1214,
14.4970


358.4345,
302.4699, 231.8361


 31.8332, 19.9308,
8.3245


 82.2862, 59.8541,
34.6980

 21.3890, 12.3447,
4.2125


 106.6953, 80.1650,
49.5636

 13.5227, 6.9789,
1.7426


 135.5090,
104.6180, 68.1640

 7.8690, 3.4489,
0.3897

 169.0928,
133.5976, 90.9176

 4.0623, 1.3703,
0.0000

207.8118,
167.4883, 118.2431

 1.7374, 0.1947,
0.0000

252.0315,

 0.4795, 0.0000,

206.6742, 150.5590

0.0000

302.1173,
251.5400, 188.2838

■ 0.0000, 0.0000,
0.0000

■ 45.2205, 30.1214,
14.4970

■ 45.2205, 30.1214,
14.4970

■ 42.2498, 25.7232,
8.7503

■ 49.2164, 35.9989,
22.3477

■ 40.2087, 22.6682,
4.9035

■ 54.3171, 43.4662,
32.4775

■ 38.9877, 20.8041,
2.7148

■ 60.5972, 52.6289,
45.0449

■ 38.4643, 19.9874,
1.8307

■ 68.1239, 63.5822,
60.1939

■ 76.9595, 76.4142,
78.0573

87.1620, 91.2074,
98.7588

92.1676, 98.5141,
108.7651

Harmonies

Analogous

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



48.2684, 30.1214, 32.7393



45.2205, 30.1214, 14.4970



37.5774, 30.1214, 6.6652

Triad

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



45.2205, 30.1214, 14.4970



16.6779, 30.1214, 14.5552



28.6497, 30.1214, 105.3494

Complementary

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



45.2205, 30.1214, 14.4970



53.0654, 72.1081, 99.1168

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.



21.2283, 30.1214, 92.3426



45.2205, 30.1214, 14.4970



15.2042, 30.1214, 32.8549

Square

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



45.2205, 30.1214, 14.4970



21.1997, 30.1214, 6.6852



16.6920, 30.1214, 62.2668



37.6194, 30.1214, 92.2275

Rectangle

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



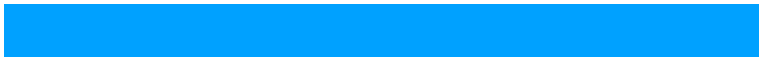
45.2205, 30.1214, 14.4970



31.5396, 30.1214, 4.9283



16.6920, 30.1214, 62.2668



25.9041, 30.1214, 103.8313

Sweetspot

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



45.2212, 30.1231, 14.4975



76.0369, 72.4203, 70.3575



58.5625, 34.5488, 87.5599



15.7124, 14.6833, 13.9235



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.



45.2212, 30.1231, 14.4975



44.9116, 26.8920, 8.4294



56.0992, 51.8790, 18.1235



16.5520, 16.5881, 17.1270



20.3666, 10.6187, 0.9762



1.8083, 0.9698, 0.0919

Inverse Universe

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



53.0654, 72.1081, 99.1168



53.9363, 75.3651, 106.3119



35.3337, 36.6448, 93.2062



16.9369, 18.6381, 21.2474



24.9477, 35.6892, 52.1118



2.2099, 3.1713, 4.5859

Previews

White Background



This preview shows how the XYZ color 45.2205, 30.1214, 14.4970 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 45.2205, 30.1214, 14.4970 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 45.2205, 30.1214, 14.4970

Background



This preview shows how black text looks on a background with the XYZ color 45.2205, 30.1214, 14.4970.



This preview shows how white text looks on a background with the XYZ color 45.2205, 30.1214,

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

45.2205, 30.1214, 14.4970

Protanopia

28.3970, 30.2294, 20.8612

Deuteranopia

30.9170, 30.3113, 13.6724



Tritanopia

45.9224, 30.1323, 17.3057

Trichromacy



Original Color

45.2205, 30.1214, 14.4970

Protanomaly

32.7498, 28.8131, 18.3034

Deuteranomaly

35.1045, 29.3329, 13.9368

Tritanomaly

45.8133, 30.2431, 16.2548

Monochromacy



Original Color

45.2205, 30.1214, 14.4970

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

30.9724, 27.1779, 23.6921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2205, 30.1214, 14.4970 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(247, 102, 96)` looks like.

```
.text, #text, p{  
    color:rgb(247, 102, 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(247, 102, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 102, 96) }
```

Border

The CSS property to change the border of an element to XYZ 45.2205, 30.1214, 14.4970 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(247, 102, 96) }
```


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

```
.border{ border-color:rgb(247, 102, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 102, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 102, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 102, 96);  
box-shadow:4px 4px 4px 4px rgb(247, 102,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2205, 30.1214, 14.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 102, 96) }
```

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

```
.background{ background-color: rgb(247,  
102, 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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