

Converting Colors

XYZ(47.6823, 30.6617, 14.8149)

Have a look what the booklet for
XYZ(47.6823, 30.6617, 14.8149)
contains.

XYZ(47.6724, 30.6725, 14.7170)	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(47.6724, 30.6725,
14.7170)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6161
RGB	255, 97, 97
RGB Percent	100%, 38%, 38%
CMY	0.0000, 0.6196, 0.6196
CMYK	0.00, 0.62, 0.62, 0.00
HSL	0°, 100%, 69%
HSV	0°, 62%, 100%
XYZ	47.6724, 30.6725, 14.7170
YIQ	144.2420, 94.1680, 33.4960

Conversions

Conversions Part 2

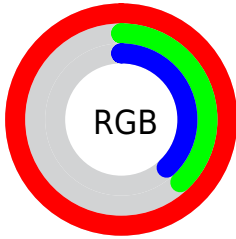
Format	Color
R_{YB}	255, 97, 97
Decimal	16736609
CIE _{Lab}	62.23, 60.07, 32.24
CIE _{LCh}	62, 68.171, 28.224
Yxy	30.6725, 0.5123, 0.3296
Android (android.graphics.Color)	4294926689 (0xFFFF6161)
YUV	144.2420, -23.2903, 97.1348
Hunter-Lab	55.3828, 56.7295, 23.0127

Details

The XYZ color **47.6724, 30.6725, 14.7170** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **58.7366, 81.2751, 107.1992**, and the grayscale version is **26.6726, 28.0616, 30.5591**.

A 20% lighter version of the original color is **58.1409, 46.5093, 33.9298**, and **22.9448, 12.6985, 4.2593** is the 20% darker color. If you saturate the color by 10%, you get **44.6792, 26.2931, 8.7661**, and if you desaturate by 10%, it is **51.8059, 36.7218, 22.9330**.

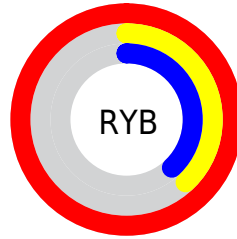
Distribution



Red (100%)

Green (38%)

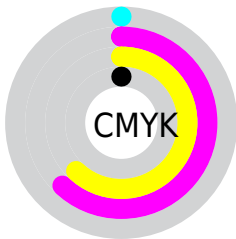
Blue (38%)



Red (100%)

Yellow (38%)

Blue (38%)

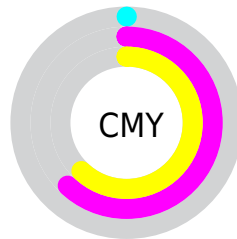


Cyan (0%)

Magenta (62%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6724, 30.6725, 14.7170 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 47.6724, 30.6725, 14.7170 by changing the saturation by 10% instead.


 47.6724, 30.6725,
14.7170


 47.6724, 30.6725,
14.7170


368.0964,
305.0267, 233.2283

 33.7777, 20.3496,
8.4766


 85.9291, 60.7241,
35.0912

 22.8850, 12.6494,
4.3093


 111.0218, 81.2216,
50.0621

 14.6288, 7.1876,
1.7965


 140.5779,
105.8793, 68.7802

 8.6439, 3.5797,
0.4256

 174.9627,
135.0818, 91.6641

 4.5649, 1.4413,
0.0000

214.5416,
169.2134, 119.1323

 2.0264, 0.2469,
0.0000

259.6799,

 0.6487, 0.0000,

208.6585, 151.6034

0.0000

310.7431,
253.8014, 189.4959

■ 0.0000, 0.0000,
0.0000

■ 47.6724, 30.6725,
14.7170

■ 47.6724, 30.6725,
14.7170

■ 44.6792, 26.2931,
8.7661

■ 51.8059, 36.7218,
22.9330

■ 42.7105, 23.4122,
4.8528

■ 57.1761, 44.5800,
33.6085

■ 41.6299, 21.8309,
2.7051

■ 63.8718, 54.3778,
46.9191

■ 41.2400, 21.2602,
1.9300

■ 71.9730, 66.2320,
63.0238

■ 81.5532, 80.2506,
82.0690

92.6810, 96.5337,
104.1909

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



50.6380, 30.6725, 34.9908



47.6724, 30.6725, 14.7170



39.4907, 30.6725, 6.1958

Triad

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



47.6724, 30.6725, 14.7170



16.5573, 30.6725, 13.1987



28.6089, 30.6725, 113.8860

Complementary

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



47.6724, 30.6725, 14.7170



58.7366, 81.2751, 107.1992

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.



20.7984, 30.6725, 97.5914



47.6724, 30.6725, 14.7170



14.8109, 30.6725, 31.8526

Square

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



47.6724, 30.6725, 14.7170



21.5652, 30.6725, 5.6994



16.1844, 30.6725, 63.5258



38.3403, 30.6725, 100.8336

Rectangle

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



47.6724, 30.6725, 14.7170



32.9126, 30.6725, 4.3067



16.1844, 30.6725, 63.5258



25.6917, 30.6725, 111.5429

Sweetspot

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



47.6731, 30.6742, 14.7175



74.6522, 70.1523, 68.3496



63.5645, 37.0294, 98.4045



15.4242, 14.2041, 13.5274



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.



47.6731, 30.6742, 14.7175



44.1987, 25.5898, 7.8105



58.9229, 53.1737, 18.4674



18.0095, 17.9873, 18.6670



21.5489, 11.1091, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

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



58.7366, 81.2751, 107.1992



56.0735, 79.9016, 107.0749



38.5051, 40.8121, 100.4554



18.5549, 20.4813, 23.2253



28.1144, 41.1384, 55.8933



2.7374, 4.0056, 5.4421

Previews

White Background



This preview shows how the XYZ color 47.6724, 30.6725, 14.7170 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 47.6724, 30.6725, 14.7170 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 47.6724, 30.6725, 14.7170

Background



This preview shows how black text looks on a background with the XYZ color 47.6724, 30.6725, 14.7170.



This preview shows how white text looks on a background with the XYZ color 47.6724, 30.6725,

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

47.6724, 30.6725, 14.7170

Protanopia

28.7333, 30.6182, 21.8483

Deuteranopia

31.3049, 30.7351, 13.7337



Tritanopia

47.8211, 30.5851, 15.9534

Trichromacy



Original Color

47.6724, 30.6725, 14.7170

Protanomaly

33.4912, 28.9824, 18.8679

Deuteranomaly

35.8156, 29.5068, 13.9329

Tritanomaly

47.7231, 30.5458, 15.4372

Monochromacy



Original Color

47.6724, 30.6725, 14.7170

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

31.1873, 26.9014, 23.6274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6724, 30.6725, 14.7170 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(255, 97, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 97)  
}
```

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(255, 97, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 97) }
```

Border

The CSS property to change the border of an element to XYZ 47.6724, 30.6725, 14.7170 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(255, 97, 97) }
```


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

```
.border{ border-color:rgb(255, 97, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 97, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6724, 30.6725, 14.7170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 97) }
```

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

```
.background{ background-color: rgb(255, 97,  
97) }
```

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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