

Converting Colors

XYZ(44.4412, 31.4962, 14.9242)

Have a look what the booklet for
XYZ(44.4412, 31.4962, 14.9242)
contains.

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Color

**XYZ(44.2921, 31.3556,
14.7841)**

Conversions

Conversions Part 1

Format	Color
Hex	F17160
RGB	241, 113, 96
RGB Percent	95%, 44%, 38%
CMY	0.0549, 0.5568, 0.6235
CMYK	0.00, 0.53, 0.60, 0.05
HSL	7°, 84%, 66%
HSV	7°, 60%, 95%
XYZ	44.2921, 31.3556, 14.7841
YIQ	149.3340, 81.7450, 21.8490

Conversions

Conversions Part 2

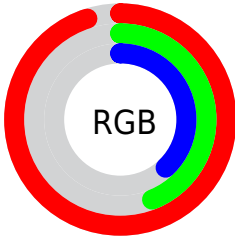
Format	Color
R _Y B	241, 115, 96
Decimal	15823200
CIE Lab	62.81, 47.96, 33.08
CIE LCh	63, 58.260, 34.594
Yxy	31.3556, 0.4898, 0.3467
Android (android.graphics.Color)	4294013280 (0xFFFF17160)
YUV	149.3340, -26.2937, 80.3911
Hunter-Lab	55.9961, 43.1978, 23.5435

Details

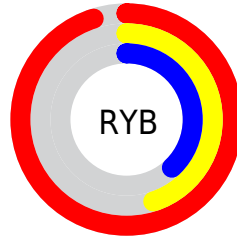
The XYZ color **44.2921, 31.3556, 14.7841** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **47.3547, 62.1449, 92.7180**, and the grayscale version is **28.7921, 30.2915, 32.9875**.

A 20% lighter version of the original color is **60.5091, 51.3718, 34.3303**, and **20.7087, 12.9334, 4.3107** is the 20% darker color. If you saturate the color by 10%, you get **41.2461, 26.7757, 9.1083**, and if you desaturate by 10%, it is **48.2358, 37.1873, 22.4370**.

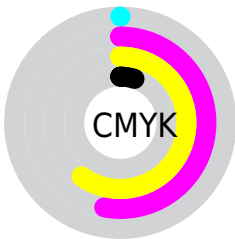
Distribution



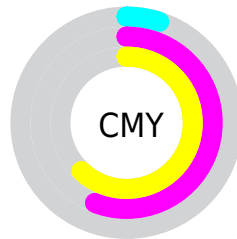
- Red (95%)
- Green (44%)
- Blue (38%)



- Red (95%)
- Yellow (45%)
- Blue (38%)



- Cyan (0%)
- Magenta (53%)
- Yellow (60%)
- Black (5%)





- Cyan (5%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2921, 31.3556, 14.7841 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 44.2921, 31.3556, 14.7841 by changing the saturation by 10% instead.


 44.2921, 31.3556,
14.7841

 44.2921, 31.3556,
14.7841


354.7310,
308.1732, 233.6513


 31.0991, 20.8698,
8.5231


 80.9007, 61.7995,
35.2109


 20.8265, 13.0288,
4.3389

 105.0471, 82.5264,
50.2138

 13.1090, 7.4484,
1.8130


 133.5753,
107.4357, 68.9676

 7.5812, 3.7441,
0.4365

 166.8506,
136.9119, 91.8911

 3.8777, 1.5315,
0.0000

205.2385,
171.3394, 119.4026

 1.6332, 0.3107,
0.0000

249.1043,

 0.4139, 0.0000,

211.1025, 151.9208

0.0000

298.8134,
256.5856, 189.8642

■ 0.0000, 0.0000,
0.0000

■ 44.2921, 31.3556,
14.7841

■ 44.2921, 31.3556,
14.7841

■ 41.2461, 26.7757,
9.1083

■ 48.2358, 37.1873,
22.4370

■ 39.0240, 23.3507,
5.2252

■ 53.1387, 44.3482,
32.2255

■ 37.5434, 20.9778,
2.9183

■ 59.0595, 52.9154,
44.2938

■ 36.6971, 19.5439,
1.8382

■ 66.0515, 62.9586,
58.7733

■ 74.1642, 74.5430,
75.7850

■ 83.4441, 87.7298,
95.4423

■ 90.0854, 97.4407,
108.6677

Harmonies

Analogous

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



47.8501, 31.3556, 30.7427



44.2921, 31.3556, 14.7841



36.8775, 31.3556, 7.8521

Triad

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



44.2921, 31.3556, 14.7841



17.9861, 31.3556, 18.5528



31.0478, 31.3556, 99.2928

Complementary

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



44.2921, 31.3556, 14.7841



47.3547, 62.1449, 92.7180

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.



23.6958, 31.3556, 91.1595



44.2921, 31.3556, 14.7841



16.9815, 31.3556, 37.7807

Square

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



44.2921, 31.3556, 14.7841



21.9165, 31.3556, 9.2479



18.8776, 31.3556, 65.6381



39.3843, 31.3556, 84.5556

Rectangle

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



44.2921, 31.3556, 14.7841



31.2707, 31.3556, 6.4272



18.8776, 31.3556, 65.6381



28.3811, 31.3556, 99.1824

Sweetspot

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



44.2928, 31.3573, 14.7846



76.9302, 74.2067, 70.6552



53.9242, 32.4529, 74.0019



15.9252, 15.1089, 13.9944



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.



44.2928, 31.3573, 14.7846



46.2988, 29.5373, 9.2898



55.8231, 54.4178, 18.6281



15.9221, 16.0573, 16.4099



19.9496, 10.6972, 1.0133



1.7079, 0.9865, 0.1004

Inverse Universe

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



47.3547, 62.1449, 92.7180



49.9488, 67.1163, 104.9299



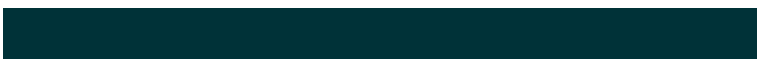
31.8619, 31.1593, 87.5537



16.0799, 17.5939, 20.2701



21.5417, 29.3076, 49.6494



1.8364, 2.5269, 4.1452

Previews

White Background



This preview shows how the XYZ color 44.2921, 31.3556, 14.7841 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 44.2921, 31.3556, 14.7841 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 44.2921, 31.3556, 14.7841

Background



This preview shows how black text looks on a background with the XYZ color 44.2921, 31.3556, 14.7841.



This preview shows how white text looks on a background with the XYZ color 44.2921, 31.3556,

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

44.2921, 31.3556, 14.7841

Protanopia

29.4627, 31.5188, 19.8601

Deuteranopia

31.9784, 31.3033, 14.0295



Tritanopia

45.4048, 31.3135, 20.4806

Trichromacy



Original Color

44.2921, 31.3556, 14.7841

Protanomaly

33.4282, 30.4240, 17.7462

Deuteranomaly

35.4961, 30.5269, 14.1466

Tritanomaly

45.0627, 31.3503, 18.1441

Monochromacy



Original Color

44.2921, 31.3556, 14.7841

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

32.1248, 29.1651, 25.0554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2921, 31.3556, 14.7841 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(241, 113, 96)` looks like.

```
.text, #text, p{  
    color:rgb(241, 113, 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(241, 113, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 113, 96) }
```

Border

The CSS property to change the border of an element to XYZ 44.2921, 31.3556, 14.7841 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(241, 113, 96) }
```


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

```
.border{ border-color:rgb(241, 113, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 113, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 113, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 113, 96);  
box-shadow:4px 4px 4px 4px rgb(241, 113,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2921, 31.3556, 14.7841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 113, 96) }
```

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

```
.background{ background-color: rgb(241,  
113, 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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