

Converting Colors

XYZ(44.1032, 32.2904, 15.6128)

Have a look what the booklet for
XYZ(44.1032, 32.2904, 15.6128)
contains.

XYZ(44.1089, 32.2716, 15.7086)	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(44.1089, 32.2716,
15.7086)**

Conversions

Conversions Part 1

Format	Color
Hex	EE7763
RGB	238, 119, 99
RGB Percent	93%, 47%, 39%
CMY	0.0667, 0.5333, 0.6118
CMYK	0.00, 0.50, 0.58, 0.07
HSL	9°, 80%, 66%
HSV	9°, 58%, 93%
XYZ	44.1089, 32.2716, 15.7086
YIQ	152.3010, 77.3440, 19.0080

Conversions

Conversions Part 2

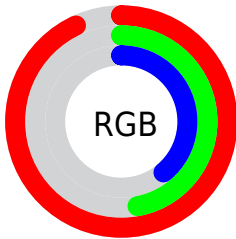
Format	Color
R _Y B	238, 122, 99
Decimal	15628131
CIE Lab	63.57, 44.15, 32.29
CIE LCh	64, 54.696, 36.181
Yxy	32.2716, 0.4790, 0.3504
Android (android.graphics.Color)	4293818211 (0xFFEE7763)
YUV	152.3010, -26.2774, 75.1580
Hunter-Lab	56.8081, 39.1829, 23.3708

Details

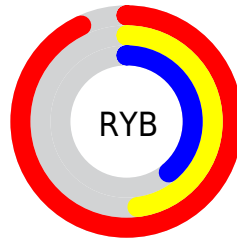
The XYZ color **44.1089, 32.2716, 15.7086** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **45.6481, 58.9653, 89.8643**, and the grayscale version is **30.0626, 31.6282, 34.4431**.

A 20% lighter version of the original color is **61.6886, 53.3491, 35.9002**, and **20.6995, 13.4915, 4.7619** is the 20% darker color. If you saturate the color by 10%, you get **40.9638, 27.5421, 9.8499**, and if you desaturate by 10%, it is **48.1105, 38.1781, 23.5071**.

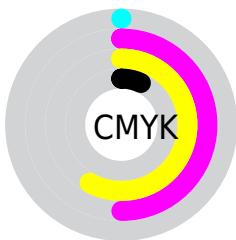
Distribution



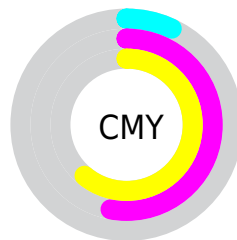
- Red (93%)
- Green (47%)
- Blue (39%)



- Red (93%)
- Yellow (48%)
- Blue (39%)



- Cyan (0%)
- Magenta (50%)
- Yellow (58%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1089, 32.2716, 15.7086 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 44.1089, 32.2716, 15.7086 by changing the saturation by 10% instead.


 44.1089, 32.2716,
15.7086


 44.1089, 32.2716,
15.7086

353.9972,
312.3546, 239.4027


 30.9544, 21.5690,
9.1661


 80.6269, 63.2366,
36.8513

 20.7158, 13.5406,
4.7514


 104.7212, 84.2679,
52.2886

 13.0277, 7.8018,
2.0460


 133.1927,
109.5108, 71.5278

 7.5247, 3.9684,
0.5833

 166.4069,
139.3498, 94.9876

 3.8416, 1.6559,
0.0000

204.7291,
174.1693, 123.0864

 1.6129, 0.3949,
0.0000

248.5246,

 0.4008, 0.0000,

214.3537, 156.2429

0.0000

298.1589,
260.2873, 194.8755

0.0000, 0.0000,
0.0000

44.1089, 32.2716,
15.7086

44.1089, 32.2716,
15.7086

40.9638, 27.5421,
9.8499

48.1105, 38.1781,
23.5071

38.6090, 23.9052,
5.7578

53.0236, 45.3283,
33.3945

36.9719, 21.2735,
3.2313

58.9011, 53.7898,
45.5074

35.9582, 19.5405,
1.9856

65.7914, 63.6240,
59.9704

35.8392, 19.3358,
1.8432

73.7394, 74.8883,
76.8987

■ 82.7874, 87.6369,
96.3999

■ 89.0698, 96.9171,
108.6201

Harmonies

Analogous

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



47.6989, 32.2716, 30.8048



44.1089, 32.2716, 15.7086



36.9899, 32.2716, 9.0080

Triad

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



44.1089, 32.2716, 15.7086



19.1112, 32.2716, 20.7509



32.2805, 32.2716, 95.6750

Complementary

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



44.1089, 32.2716, 15.7086



45.6481, 58.9653, 89.8643

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.



25.1200, 32.2716, 89.3171



44.1089, 32.2716, 15.7086



18.2741, 32.2716, 39.8603

Square

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



44.1089, 32.2716, 15.7086



22.7998, 32.2716, 10.9602



20.2871, 32.2716, 66.2476



40.1778, 32.2716, 81.1515

Rectangle

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



44.1089, 32.2716, 15.7086



31.6612, 32.2716, 7.6729



20.2871, 32.2716, 66.2476



29.7060, 32.2716, 95.9696

Sweetspot

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



44.1097, 32.2733, 15.7092



77.2417, 74.8298, 70.7591



52.5695, 32.2401, 70.7926



15.9996, 15.2577, 14.0193



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.



44.1097, 32.2733, 15.7092



47.3322, 31.3292, 10.4814



55.2895, 54.6329, 19.4358



15.9563, 16.1258, 16.4213



20.0504, 10.8988, 1.0469



1.7241, 1.0189, 0.1058

Inverse Universe

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



45.6481, 58.9653, 89.8643



49.1751, 64.9866, 104.5596



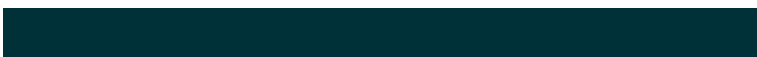
31.4794, 30.6280, 85.1414



16.0422, 17.5184, 20.2575



20.6964, 27.6170, 49.3677



1.7743, 2.4025, 4.1244

Previews

White Background



This preview shows how the XYZ color 44.1089, 32.2716, 15.7086 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 44.1089, 32.2716, 15.7086 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 44.1089, 32.2716, 15.7086

Background



This preview shows how black text looks on a background with the XYZ color 44.1089, 32.2716, 15.7086.



This preview shows how white text looks on a background with the XYZ color 44.1089, 32.2716,

15.7086.

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

44.1089, 32.2716, 15.7086

Protanopia

30.2621, 32.4104, 20.2836

Deuteranopia

32.9476, 32.2404, 15.0762



Tritanopia

45.8187, 32.4713, 22.9215

Trichromacy



Original Color

44.1089, 32.2716, 15.7086

Protanomaly

33.9699, 31.3389, 18.4460

Deuteranomaly

36.5106, 31.8577, 15.2912

Tritanomaly

45.0524, 32.3111, 20.0818

Monochromacy



Original Color

44.1089, 32.2716, 15.7086

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

33.1402, 30.5169, 26.3340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1089, 32.2716, 15.7086 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(238, 119, 99)` looks like.

```
.text, #text, p{  
    color:rgb(238, 119, 99)  
}
```

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(238, 119, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 119, 99) }
```

Border

The CSS property to change the border of an element to XYZ 44.1089, 32.2716, 15.7086 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(238, 119, 99) }
```


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

```
.border{ border-color:rgb(238, 119, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 119, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 119, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 119, 99);  
box-shadow:4px 4px 4px 4px rgb(238, 119,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1089, 32.2716, 15.7086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 119, 99) }
```

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

```
.background{ background-color: rgb(238,  
119, 99) }
```

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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