

Converting Colors

XYZ(44.9713, 32.7694, 21.4076)

Have a look what the booklet for
XYZ(44.9713, 32.7694, 21.4076)
contains.

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Color

**XYZ(44.9713, 32.7694,
21.4076)**

Conversions

Conversions Part 1

Format	Color
Hex	ED7877
RGB	237, 120, 119
RGB Percent	93%, 47%, 47%
CMY	0.0706, 0.5294, 0.5333
CMYK	0.00, 0.49, 0.50, 0.07
HSL	1°, 77%, 70%
HSV	1°, 50%, 93%
XYZ	44.9713, 32.7694, 21.4076
YIQ	154.8690, 70.0530, 24.4930

Conversions

Conversions Part 2

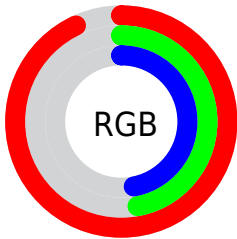
Format	Color
RYB	237, 120, 119
Decimal	15562871
CIELab	63.97, 44.90, 21.59
CIELCh	64, 49.821, 25.680
Yxy	32.7694, 0.4536, 0.3305
Android (android.graphics.Color)	4293752951 (0xFFED7877)
YUV	154.8690, -17.6834, 72.0289
Hunter-Lab	57.2446, 40.0515, 17.8987

Details

The XYZ color **44.9713, 32.7694, 21.4076** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **52.8873, 70.0233, 90.8489**, and the grayscale version is **31.1528, 32.7752, 35.6922**.

A 20% lighter version of the original color is **63.9207, 54.8602, 45.7482**, and **21.2759, 13.8164, 7.5067** is the 20% darker color. If you saturate the color by 10%, you get **41.2337, 27.2952, 13.9936**, and if you desaturate by 10%, it is **49.7587, 39.7755, 30.9228**.

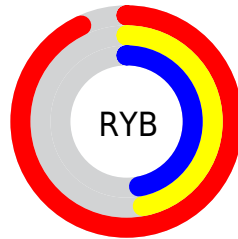
Distribution



Red (93%)

Green (47%)

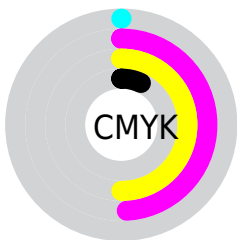
Blue (47%)



Red (93%)

Yellow (47%)

Blue (47%)

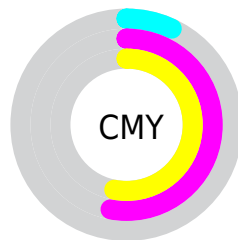


Cyan (0%)

Magenta (49%)

Yellow (50%)

Black (7%)



Cyan (7%)


Magenta (53%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.9713, 32.7694, 21.4076 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 44.9713, 32.7694, 21.4076 by changing the saturation by 10% instead.


 44.9713, 32.7694,
21.4076


 44.9713, 32.7694,
21.4076


357.4430,
314.6094, 272.2886

 31.6360, 21.9499,
13.2281


 81.9147, 64.0153,
46.6545

 21.2378, 13.8201,
7.4533


 106.2535, 85.2105,
64.5590

 13.4114, 7.9956,
3.6644

 134.9908,
110.6330, 86.5422

 7.7914, 4.0921,
1.4431

168.4920,
140.6673, 113.0227

 4.0124, 1.7252,
0.1750

207.1225,
175.6976, 144.4191

 1.7092, 0.4399,
0.0000

251.2476,

 0.4620, 0.0000,

216.1085, 181.1499

0.0000

301.2326,
262.2843, 223.6335

■ 0.0000, 0.0000,
0.0000

■ 44.9713, 32.7694,
21.4076

■ 44.9713, 32.7694,
21.4076

■ 41.2337, 27.2952,
13.9936

■ 49.7587, 39.7755,
30.9228

■ 38.4650, 23.2338,
8.5201

■ 55.6640, 48.4109,
42.6799

■ 36.5763, 20.4569,
4.8064

■ 62.7523, 58.7708,
56.8094

■ 35.4617, 18.8108,
2.6370

■ 71.0833, 70.9417,
73.4316

■ 34.9550, 18.0602,
1.6580

■ 80.7124, 85.0044,
92.6583

■ 34.9469, 18.0484,
1.6418

■ 88.7349, 96.7445,
108.6045

Harmonies

Analogous

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



46.6466, 32.7694, 38.6740



44.9713, 32.7694, 21.4076



39.3979, 32.7694, 12.3216

Triad

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



44.9713, 32.7694, 21.4076



21.2712, 32.7694, 18.0146



30.1400, 32.7694, 89.8109

Complementary

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



44.9713, 32.7694, 21.4076



52.8873, 70.0233, 90.8489

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.



24.1357, 32.7694, 78.1034



44.9713, 32.7694, 21.4076



19.5275, 32.7694, 32.8452

Square

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



44.9713, 32.7694, 21.4076



25.6531, 32.7694, 10.9424



20.4920, 32.7694, 55.2014



37.3726, 32.7694, 83.1192

Rectangle

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



44.9713, 32.7694, 21.4076



34.6075, 32.7694, 9.7944



20.4920, 32.7694, 55.2014



27.9240, 32.7694, 87.8057

Sweetspot

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



44.9721, 32.7711, 21.4082



78.5644, 75.9218, 75.9889



56.8079, 37.3127, 84.3285



16.3795, 15.6126, 15.3939



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.



44.9721, 32.7711, 21.4082



48.5189, 31.9806, 16.1860



54.1752, 51.1773, 24.4759



15.0758, 15.0746, 15.6338



19.0845, 9.8633, 0.8979



1.5022, 0.7818, 0.0717

Inverse Universe

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



52.8873, 70.0233, 90.8489



58.8745, 80.7349, 107.0881



38.8143, 41.8773, 86.1579



15.5060, 17.0985, 19.4053



24.5672, 35.7815, 49.3547



1.9327, 2.8168, 3.8767

Previews

White Background



This preview shows how the XYZ color 44.9713, 32.7694, 21.4076 looks on a white background.

Color Contrast Check

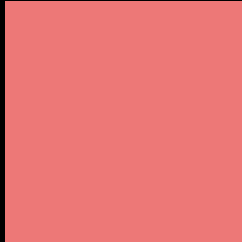
Large Text (above 18pt) WCAG AA × Fail

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 44.9713, 32.7694, 21.4076 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 44.9713, 32.7694, 21.4076

Background



This preview shows how black text looks on a background with the XYZ color 44.9713, 32.7694, 21.4076.



This preview shows how white text looks on a background with the XYZ color 44.9713, 32.7694,

21.4076.

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

44.9713, 32.7694, 21.4076

Protanopia

31.2695, 33.0068, 28.0154

Deuteranopia

33.5519, 32.9001, 20.5016



Tritanopia

45.6875, 32.9031, 24.0216

Trichromacy



Original Color

44.9713, 32.7694, 21.4076

Protanomaly

34.9375, 31.9049, 25.4359

Deuteranomaly

36.8695, 32.1344, 20.7823

Tritanomaly

45.4948, 32.8260, 23.0070

Monochromacy



Original Color

44.9713, 32.7694, 21.4076

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

34.5631, 31.6133, 29.8715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9713, 32.7694, 21.4076 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(237, 120, 119)` looks like.

```
.text, #text, p{  
    color:rgb(237, 120, 119)  
}
```

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(237, 120, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 120, 119) }
```

Border

The CSS property to change the border of an element to XYZ 44.9713, 32.7694, 21.4076 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(237, 120, 119) }
```


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

```
.border{ border-color:rgb(237, 120, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 120, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 120, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 120, 119);  
box-shadow:4px 4px 4px 4px rgb(237, 120,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9713, 32.7694, 21.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 120, 119) }
```

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

```
.background{ background-color: rgb(237,  
120, 119) }
```

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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