

Converting Colors

XYZ(44.9376, 32.5303, 21.2695)

Have a look what the booklet for
XYZ(44.9376, 32.5303, 21.2695)
contains.

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Color

**XYZ(44.8517, 32.5301,
21.3678)**

Conversions

Conversions Part 1

Format	Color
Hex	ED7777
RGB	237, 119, 119
RGB Percent	93%, 47%, 47%
CMY	0.0706, 0.5333, 0.5333
CMYK	0.00, 0.50, 0.50, 0.07
HSL	0°, 77%, 70%
HSV	0°, 50%, 93%
XYZ	44.8517, 32.5301, 21.3678
YIQ	154.2820, 70.3280, 25.0160

Conversions

Conversions Part 2

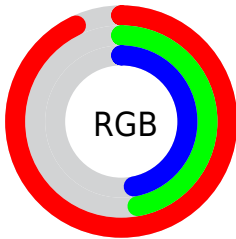
Format	Color
R _Y B	237, 119, 119
Decimal	15562615
CIE Lab	63.78, 45.40, 21.33
CIE LCh	64, 50.155, 25.162
Yxy	32.5301, 0.4542, 0.3294
Android (android.graphics.Color)	4293752695 (0xFFED7777)
YUV	154.2820, -17.3940, 72.5437
Hunter-Lab	57.0352, 40.5585, 17.7121

Details

The XYZ color **44.8517, 32.5301, 21.3678** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **53.1763, 70.6011, 90.9453**, and the grayscale version is **30.8925, 32.5013, 35.3939**.

A 20% lighter version of the original color is **63.7267, 54.4724, 45.6835**, and **21.2170, 13.6985, 7.4870** is the 20% darker color. If you saturate the color by 10%, you get **41.1243, 27.0763, 13.9571**, and if you desaturate by 10%, it is **49.6387, 39.5354, 30.8829**.

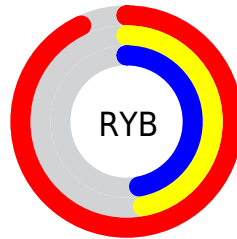
Distribution



Red (93%)

Green (47%)

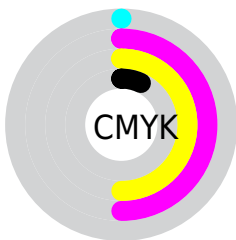
Blue (47%)



Red (93%)

Yellow (47%)

Blue (47%)

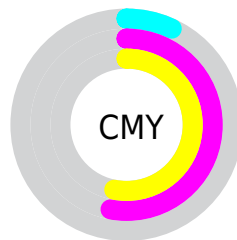


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (7%)



Cyan (7%)


Magenta (53%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8517, 32.5301, 21.3678 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 44.8517, 32.5301, 21.3678 by changing the saturation by 10% instead.


 44.8517, 32.5301,
21.3678

 44.8517, 32.5301,
21.3678


356.9664,
313.5270, 272.0717


 31.5414, 21.7667,
13.1993


 81.7363, 63.6412,
46.5876

 21.1653, 13.6856,
7.4336


 106.0412, 84.7577,
64.4759

 13.3580, 7.9023,
3.6522


 134.7418,
110.0940, 86.4412

 7.7543, 4.0325,
1.4365

168.2034,
140.0346, 112.9020

 3.9886, 1.6918,
0.1700

206.7913,
174.9638, 144.2770

 1.6957, 0.4183,
0.0000

250.8708,

 0.4536, 0.0000,

215.2660, 180.9845

0.0000

300.8074,
261.3256, 223.4433

■ 0.0000, 0.0000,
0.0000

■ 44.8517, 32.5301,
21.3678

■ 44.8517, 32.5301,
21.3678

■ 41.1243, 27.0763,
13.9571

■ 49.6387, 39.5354,
30.8829

■ 38.3739, 23.0516,
8.4898

■ 55.5547, 48.1922,
42.6436

■ 36.5098, 20.3237,
4.7842

■ 62.6662, 58.5984,
56.7809

■ 35.4230, 18.7333,
2.6241

■ 71.0337, 70.8425,
73.4153

■ 34.9333, 18.0167,
1.6508

■ 80.7138, 85.0071,
92.6590

■ 34.9251, 18.0048,
1.6345

■ 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



46.4538, 32.5301, 38.7889



44.8517, 32.5301, 21.3678



39.3092, 32.5301, 12.1864

Triad

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



44.8517, 32.5301, 21.3678



21.0910, 32.5301, 17.5763



29.7919, 32.5301, 89.7541

Complementary

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



44.8517, 32.5301, 21.3678



53.1763, 70.6011, 90.9453

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.



23.8165, 32.5301, 77.6884



44.8517, 32.5301, 21.3678



19.3024, 32.5301, 32.2515

Square

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



44.8517, 32.5301, 21.3678



25.5160, 32.5301, 10.6513



20.2191, 32.5301, 54.5798



37.0352, 32.5301, 83.3363

Rectangle

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



44.8517, 32.5301, 21.3678



34.5144, 32.5301, 9.6164



20.2191, 32.5301, 54.5798



27.5821, 32.5301, 87.6263

Sweetspot

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



44.8525, 32.5318, 21.3684



78.4809, 75.7547, 75.9610



56.8080, 37.3128, 84.3286



16.3598, 15.5732, 15.3873



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.



44.8525, 32.5318, 21.3684



48.3904, 31.7236, 16.1432



54.1753, 51.1774, 24.4760



15.0656, 15.0542, 15.6304



19.0679, 9.8300, 0.8924



1.4973, 0.7719, 0.0701

Inverse Universe

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



53.1763, 70.6011, 90.9453



59.2869, 81.5597, 107.2256



38.8144, 41.8774, 86.1580



15.5177, 17.1218, 19.4092



24.8777, 36.4025, 49.4582



1.9535, 2.8585, 3.8837

Previews

White Background



This preview shows how the XYZ color 44.8517, 32.5301, 21.3678 looks on a white background.

Color Contrast Check

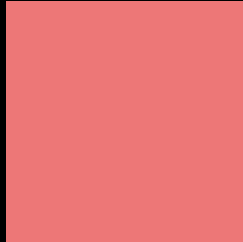
Large Text (above 18pt) WCAG AA × Fail

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 44.8517, 32.5301, 21.3678 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 44.8517, 32.5301, 21.3678

Background



This preview shows how black text looks on a background with the XYZ color 44.8517, 32.5301, 21.3678.

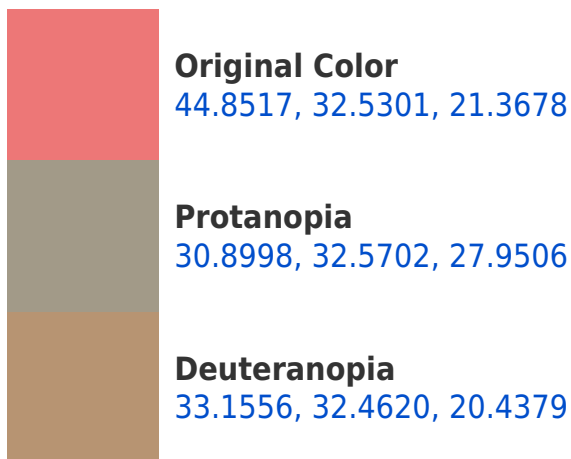


This preview shows how white text looks on a background with the XYZ color 44.8517, 32.5301,

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





Tritanopia

45.5042, 32.6404, 23.6405

Trichromacy



Original Color

44.8517, 32.5301, 21.3678

Protanomaly

34.5404, 31.4803, 25.3749

Deuteranomaly

36.7266, 31.8488, 20.7347

Tritanomaly

45.3135, 32.5641, 22.6361

Monochromacy



Original Color

44.8517, 32.5301, 21.3678

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

34.0998, 31.1632, 29.4171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8517, 32.5301, 21.3678 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, 119, 119)` looks like.

```
.text, #text, p{  
    color:rgb(237, 119, 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, 119, 119) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 44.8517, 32.5301, 21.3678 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, 119, 119) }
```


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

```
.border{ border-color:rgb(237, 119, 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, 119, 119)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 44.8517, 32.5301, 21.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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