

Converting Colors

XYZ(45.8002, 32.9482, 24.6151)

Have a look what the booklet for
XYZ(45.8002, 32.9482, 24.6151)
contains.

XYZ(45.8192, 32.9558, 24.7150)	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(45.8192, 32.9558,
24.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	EE7781
RGB	238, 119, 129
RGB Percent	93%, 47%, 51%
CMY	0.0667, 0.5333, 0.4941
CMYK	0.00, 0.50, 0.46, 0.07
HSL	355°, 78%, 70%
HSV	355°, 50%, 93%
XYZ	45.8192, 32.9558, 24.7150
YIQ	155.7210, 67.7140, 28.3380

Conversions

Conversions Part 2

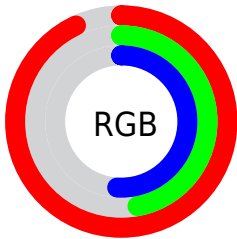
Format	Color
R_{YB}	238, 119, 129
Decimal	15628161
CIE _{Lab}	64.13, 46.68, 16.15
CIE _{LCh}	64, 49.395, 19.079
Yxy	32.9558, 0.4427, 0.3184
Android (android.graphics.Color)	4293818241 (0xFFEE7781)
YUV	155.7210, -13.1735, 72.1587
Hunter-Lab	57.4071, 42.0063, 14.6594

Details

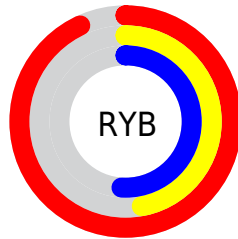
The XYZ color **45.8192, 32.9558, 24.7150** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **52.1877, 70.6732, 84.2942**, and the grayscale version is **31.5123, 33.1534, 36.1041**.

A 20% lighter version of the original color is **64.8195, 54.9095, 51.4382**, and **21.7563, 13.9406, 9.1335** is the 20% darker color. If you saturate the color by 10%, you get **42.0351, 27.4647, 17.0508**, and if you desaturate by 10%, it is **50.6232, 39.9922, 34.2450**.

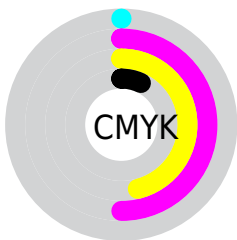
Distribution



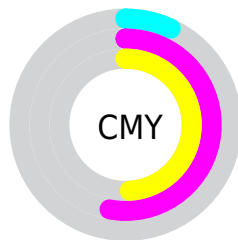
- Red (93%)
- Green (47%)
- Blue (51%)



- Red (93%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (50%)
- Yellow (46%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.8192, 32.9558, 24.7150 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 45.8192, 32.9558, 24.7150 by changing the saturation by 10% instead.


 45.8192, 32.9558,
24.7150


 45.8192, 32.9558,
24.7150


360.8094,
315.4505, 289.8177


 32.3072, 22.0926,
15.6478


 83.1779, 64.3065,
52.1529

 21.7529, 13.9249,
9.1236


 107.7552, 85.5628,
71.3606

 13.7911, 8.0685,
4.7240


 136.7518,
111.0523, 94.7855

 8.0562, 4.1388,
2.0303

170.5328,
141.1592, 122.8462

 4.1830, 1.7515,
0.5738

209.4638,
176.2682, 155.9613

 1.8062, 0.4567,
0.0000

253.9100,

 0.5214, 0.0000,

216.7634, 194.5492

0.0000

304.2367,
263.0294, 239.0285

■ 0.0000, 0.0000,
0.0000

■ 45.8192, 32.9558,
24.7150

■ 45.8192, 32.9558,
24.7150

■ 42.0351, 27.4647,
17.0508

■ 50.6232, 39.9922,
34.2450

■ 39.1947, 23.3978,
11.1280

■ 56.5112, 48.6727,
45.7504

■ 37.2148, 20.6246,
6.8101

■ 63.5447, 59.0939,
59.3344

■ 35.9968, 18.9882,
3.9392

■ 71.7802, 71.3437,
75.0926

■ 35.3861, 18.2278,
2.3148

■ 81.2701, 85.5039,
93.1145

■ 35.3860, 18.2276,
2.3145

■ 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.



46.4598, 32.9558, 43.6807



45.8192, 32.9558, 24.7150



40.9773, 32.9558, 13.9493

Triad

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



45.8192, 32.9558, 24.7150



22.2262, 32.9558, 16.1150



28.8456, 32.9558, 88.4980

Complementary

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



45.8192, 32.9558, 24.7150



52.1877, 70.6732, 84.2942

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.



23.3191, 32.9558, 73.5325



45.8192, 32.9558, 24.7150



19.8935, 32.9558, 29.0738

Square

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



45.8192, 32.9558, 24.7150



27.1326, 32.9558, 10.4145



20.2614, 32.9558, 49.9924



35.9251, 32.9558, 85.9361

Rectangle

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



45.8192, 32.9558, 24.7150



36.3719, 32.9558, 10.6011



20.2614, 32.9558, 49.9924



26.7653, 32.9558, 85.1807

Sweetspot

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



45.8200, 32.9575, 24.7156



78.9017, 75.9222, 78.1799



53.4259, 35.5535, 84.9355



16.4593, 15.6128, 15.9123



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.



45.8200, 32.9575, 24.7156



49.0772, 31.9971, 19.7637



52.3364, 47.0019, 23.7689



15.8267, 15.7804, 16.6435



19.7607, 10.1767, 1.3906



1.6623, 0.8540, 0.2125

Inverse Universe

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



45.8200, 32.9575, 24.7156



49.0772, 31.9971, 19.7637



41.5422, 47.0972, 87.7900



15.8267, 15.7804, 16.6435



19.7607, 10.1767, 1.3906



1.6623, 0.8540, 0.2125

Previews

White Background



This preview shows how the XYZ color 45.8192, 32.9558, 24.7150 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 45.8192, 32.9558, 24.7150 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 45.8192, 32.9558, 24.7150

Background



This preview shows how black text looks on a background with the XYZ color 45.8192, 32.9558, 24.7150.



This preview shows how white text looks on a background with the XYZ color 45.8192, 32.9558,

24.7150.

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

45.8192, 32.9558, 24.7150

Protanopia

31.6857, 33.1263, 32.3278

Deuteranopia

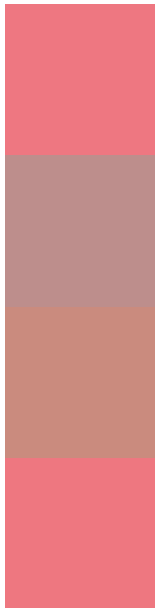
33.8358, 33.2130, 23.6962



Tritanopia

45.7530, 32.9293, 24.3666

Trichromacy



Original Color

45.8192, 32.9558, 24.7150

Protanomaly

35.3929, 32.0583, 29.1334

Deuteranomaly

37.3556, 32.5282, 24.0484

Tritanomaly

45.7530, 32.9293, 24.3666

Monochromacy



Original Color

45.8192, 32.9558, 24.7150

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

35.2605, 32.1593, 31.5431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8192, 32.9558, 24.7150 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(238, 119, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 119, 129) }
```

Border

The CSS property to change the border of an element to XYZ 45.8192, 32.9558, 24.7150 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, 129) }
```


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

```
.border{ border-color:rgb(238, 119, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 119, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 119, 129);  
box-shadow:4px 4px 4px 4px rgb(238, 119,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8192, 32.9558, 24.7150 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, 129) }
```

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

```
.background{ background-color: rgb(238,  
119, 129) }
```

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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