

Converting Colors

XYZ(45.6770, 32.7964, 25.6684)

Have a look what the booklet for
XYZ(45.6770, 32.7964, 25.6684)
contains.

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Color

**XYZ(45.6867, 32.8641,
25.7652)**

Conversions

Conversions Part 1

Format	Color
Hex	ED7784
RGB	237, 119, 132
RGB Percent	93%, 47%, 52%
CMY	0.0706, 0.5333, 0.4824
CMYK	0.00, 0.50, 0.44, 0.07
HSL	353°, 77%, 70%
HSV	353°, 50%, 93%
XYZ	45.6867, 32.8641, 25.7652
YIQ	155.7640, 66.1550, 29.0590

Conversions

Conversions Part 2

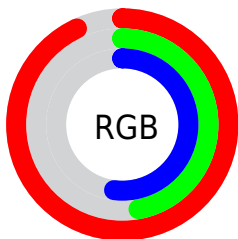
Format	Color
R _Y B	237, 119, 132
Decimal	15562628
CIE Lab	64.05, 46.62, 14.31
CIE LCh	64, 48.772, 17.066
Yxy	32.8641, 0.4380, 0.3150
Android (android.graphics.Color)	4293752708 (0xFFED7784)
YUV	155.7640, -11.7157, 71.2440
Hunter-Lab	57.3272, 41.9322, 13.4817

Details

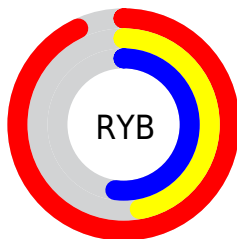
The XYZ color **45.6867, 32.8641, 25.7652** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **51.3482, 69.8728, 81.3059**, and the grayscale version is **31.5256, 33.1674, 36.1193**.

A 20% lighter version of the original color is **65.1330, 55.0349, 53.0889**, and **21.6410, 13.8681, 9.7198** is the 20% darker color. If you saturate the color by 10%, you get **41.9092, 27.3901, 18.0911**, and if you desaturate by 10%, it is **50.4608, 39.8645, 35.2114**.

Distribution



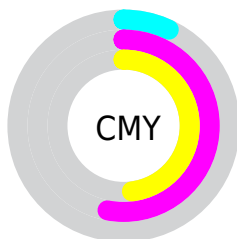
- Red (93%)
- Green (47%)
- Blue (52%)



- Red (93%)
- Yellow (47%)
- Blue (52%)



- Cyan (0%)
- Magenta (50%)
- Yellow (44%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6867, 32.8641, 25.7652 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 45.6867, 32.8641, 25.7652 by changing the saturation by 10% instead.


 45.6867, 32.8641,
25.7652


 45.6867, 32.8641,
25.7652


360.2847,
315.0369, 295.1963

 32.2022, 22.0224,
16.4239


 82.9807, 64.1633,
53.8753

 21.6723, 13.8733,
9.6670


 107.5209, 85.3895,
73.4812

 13.7316, 8.0326,
5.0760


 136.4770,
110.8461, 97.3457

 8.0147, 4.1158,
2.2324

170.2145,
140.9173, 125.8874

 4.1562, 1.7386,
0.6930

209.0987,
175.9876, 159.5247

 1.7909, 0.4484,
0.0000

253.4949,

 0.5122, 0.0000,

216.4414, 198.6763

0.0000

303.7684,
262.6630, 243.7606

■ 0.0000, 0.0000,
0.0000

■ 45.6867, 32.8641,
25.7652

■ 45.6867, 32.8641,
25.7652

■ 41.9092, 27.3901,
18.0911

■ 50.4608, 39.8645,
35.2114

■ 39.0548, 23.3237,
12.0764

■ 56.2929, 48.4882,
46.5291

■ 37.0440, 20.5371,
7.5981


■ 63.2426, 58.8302,
59.8127


■ 35.7820, 18.8768,
4.5152

■ 71.3641, 70.9766,
75.1493

■ 35.1231, 18.0926,
2.6509

■ 80.7082, 85.0077,
92.6212

 35.1125, 18.0795,
2.6221

 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.



46.0060, 32.8641, 44.9633



45.6867, 32.8641, 25.7652



41.1551, 32.8641, 14.5759

Triad

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



45.6867, 32.8641, 25.7652



22.5077, 32.8641, 15.6648



28.3645, 32.8641, 86.9504

Complementary

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



45.6867, 32.8641, 25.7652



51.3482, 69.8728, 81.3059

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.



23.0549, 32.8641, 71.3618



45.6867, 32.8641, 25.7652



20.0236, 32.8641, 27.9466

Square

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



45.6867, 32.8641, 25.7652



27.5081, 32.8641, 10.3904



20.2079, 32.8641, 48.1107



35.2871, 32.8641, 85.6771

Rectangle

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



45.6867, 32.8641, 25.7652



36.6872, 32.8641, 10.9837



20.2079, 32.8641, 48.1107



26.3540, 32.8641, 83.3220

Sweetspot

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



45.6875, 32.8658, 25.7658



79.0346, 75.9754, 78.8793



52.3873, 35.0349, 84.1219



16.4908, 15.6254, 16.0781



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.



45.6875, 32.8658, 25.7658



49.3121, 32.0910, 21.0003



51.5732, 45.9726, 23.6104



15.1329, 15.0810, 15.9851



19.1935, 9.8801, 1.5543



1.5296, 0.7848, 0.2402

Inverse Universe

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



45.6875, 32.8658, 25.7658



49.3121, 32.0910, 21.0003



41.6938, 47.6349, 87.1175



15.1329, 15.0810, 15.9851



19.1935, 9.8801, 1.5543



1.5296, 0.7848, 0.2402

Previews

White Background



This preview shows how the XYZ color 45.6867, 32.8641, 25.7652 looks on a white background.

Color Contrast Check

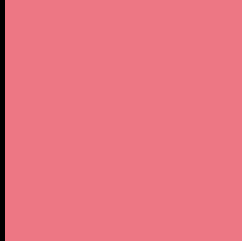
Large Text (above 18pt) WCAG AA × Fail

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 45.6867, 32.8641, 25.7652 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 45.6867, 32.8641, 25.7652

Background



This preview shows how black text looks on a background with the XYZ color 45.6867, 32.8641, 25.7652.



This preview shows how white text looks on a background with the XYZ color 45.6867, 32.8641,

25.7652.

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

45.6867, 32.8641, 25.7652

Protanopia

31.8045, 33.1506, 34.0006

Deuteranopia

33.7932, 33.1688, 24.6998



Tritanopia

45.5378, 32.9960, 24.3908

Trichromacy



Original Color

45.6867, 32.8641, 25.7652

Protanomaly

35.4461, 32.0510, 30.7038

Deuteranomaly

37.2825, 32.4677, 25.0708

Tritanomaly

45.6040, 33.0224, 24.7393

Monochromacy



Original Color

45.6867, 32.8641, 25.7652

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

35.0965, 32.0658, 31.9433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6867, 32.8641, 25.7652 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(237, 119, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 119, 132) }
```

Border

The CSS property to change the border of an element to XYZ 45.6867, 32.8641, 25.7652 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, 132) }
```


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

```
.border{ border-color:rgb(237, 119, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 119, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 119, 132);  
box-shadow:4px 4px 4px 4px rgb(237, 119,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6867, 32.8641, 25.7652 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, 132) }
```

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

```
.background{ background-color: rgb(237,  
119, 132) }
```

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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