

Converting Colors

XYZ(45.3600, 34.7451, 25.3919)

Have a look what the booklet for
XYZ(45.3600, 34.7451, 25.3919)
contains.

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Color

**XYZ(45.2906, 34.7328,
25.4361)**

Conversions

Conversions Part 1

Format	Color
Hex	E88282
RGB	232, 130, 130
RGB Percent	91%, 51%, 51%
CMY	0.0902, 0.4902, 0.4902
CMYK	0.00, 0.44, 0.44, 0.09
HSL	0°, 69%, 71%
HSV	0°, 44%, 91%
XYZ	45.2906, 34.7328, 25.4361
YIQ	160.4980, 60.7920, 21.6240

Conversions

Conversions Part 2

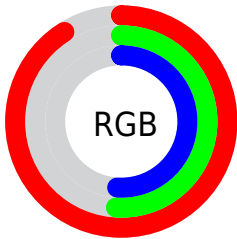
Format	Color
R_{YB}	232, 130, 130
Decimal	15237762
CIE _{Lab}	65.54, 39.07, 17.41
CIE _{LCh}	66, 42.773, 24.019
Yxy	34.7328, 0.4295, 0.3293
Android (android.graphics.Color)	4293427842 (0xFFE88282)
YUV	160.4980, -15.0355, 62.7073
Hunter-Lab	58.9345, 34.0400, 15.6647

Details

The XYZ color **45.2906, 34.7328, 25.4361** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **52.6264, 68.2819, 86.7498**, and the grayscale version is **33.6922, 35.4468, 38.6016**.

A 20% lighter version of the original color is **66.9277, 58.9599, 52.6527**, and **21.4432, 14.9271, 9.5356** is the 20% darker color. If you saturate the color by 10%, you get **41.1597, 28.6885, 17.2232**, and if you desaturate by 10%, it is **50.4699, 42.3121, 35.7311**.

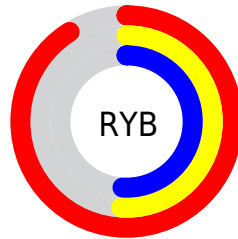
Distribution



Red (91%)

Green (51%)

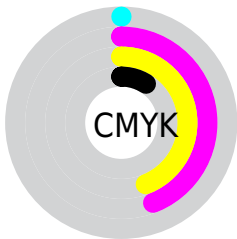
Blue (51%)



Red (91%)

Yellow (51%)

Blue (51%)

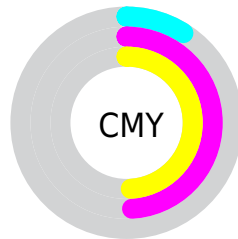


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (9%)



Cyan (9%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2906, 34.7328, 25.4361 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 45.2906, 34.7328, 25.4361 by changing the saturation by 10% instead.


 45.2906, 34.7328,
25.4361


 45.2906, 34.7328,
25.4361


358.7132,
323.3874, 293.5197

 31.8886, 23.4571,
16.1803


 82.3907, 67.0716,
53.3367

 21.4316, 14.9314,
9.4961


 106.8195, 88.9036,
72.8186

 13.5541, 8.7713,
4.9649


 135.6547,
115.0230, 96.5462

 7.8908, 4.5923,
2.1683

169.2616,
145.8144, 124.9381

 4.0764, 2.0101,
0.6560

208.0055,
181.6622, 158.4129

 1.7454, 0.6133,
0.0000

252.2519,

 0.4845, 0.0000,

222.9507, 197.3891

0.0000

302.3659,
270.0642, 242.2852

■ 0.0000, 0.0000,
0.0000

■ 45.2906, 34.7328,
25.4361

■ 45.2906, 34.7328,
25.4361

■ 41.1597, 28.6885,
17.2232

■ 50.4699, 42.3121,
35.7311

■ 38.0034, 24.0698,
10.9487

■ 56.7595, 51.5156,
48.2345

■ 35.7423, 20.7612,
6.4542


■ 64.2197, 62.4320,
63.0652


■ 34.2839, 18.6270,
3.5553

■ 72.9057, 75.1420,
80.3327

■ 33.5151, 17.5019,
2.0273

■ 82.8691, 89.7212,
100.1397

 33.2788, 17.1560,
1.5575

 87.0886, 95.8958,
108.5274

Harmonies

Analogous

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



46.5089, 34.7328, 41.5300



45.2906, 34.7328, 25.4361



40.6120, 34.7328, 16.1984

Triad

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



45.2906, 34.7328, 25.4361



24.1883, 34.7328, 20.9473



31.7725, 34.7328, 83.5837

Complementary

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



45.2906, 34.7328, 25.4361



52.6264, 68.2819, 86.7498

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.



26.4256, 34.7328, 73.1916



45.2906, 34.7328, 25.4361



22.4178, 34.7328, 34.3342

Square

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



45.2906, 34.7328, 25.4361



28.3456, 34.7328, 14.2394



23.1819, 34.7328, 53.6801



38.1654, 34.7328, 78.9206

Rectangle

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



45.2906, 34.7328, 25.4361



36.4432, 34.7328, 13.3938



23.1819, 34.7328, 53.6801



29.8041, 34.7328, 81.6541

Sweetspot

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



45.2915, 34.7346, 25.4367



80.4867, 78.6898, 79.9484



55.8268, 38.9475, 80.9189



16.7544, 16.1507, 16.1719



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.



45.2915, 34.7346, 25.4367



51.3204, 36.0112, 21.9676



53.8319, 51.8154, 28.2836



14.3771, 14.3681, 14.9200



18.4752, 9.5245, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



52.6264, 68.2819, 86.7498



61.5325, 82.7174, 107.3307



40.2955, 43.6200, 82.6394



14.8074, 16.3363, 18.5171



24.1042, 35.2705, 47.9206



1.7812, 2.6064, 3.5412

Previews

White Background



This preview shows how the XYZ color 45.2906, 34.7328, 25.4361 looks on a white background.

Color Contrast Check

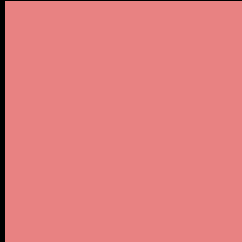
Large Text (above 18pt) WCAG AA × Fail

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 45.2906, 34.7328, 25.4361 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 45.2906, 34.7328, 25.4361

Background



This preview shows how black text looks on a background with the XYZ color 45.2906, 34.7328, 25.4361.



This preview shows how white text looks on a background with the XYZ color 45.2906, 34.7328,

25.4361.

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

45.2906, 34.7328, 25.4361

Protanopia

33.1581, 34.9169, 31.3776

Deuteranopia

35.4068, 34.7279, 24.5757



Tritanopia

46.0420, 34.8591, 28.3466

Trichromacy



Original Color

45.2906, 34.7328, 25.4361

Protanomaly

36.4853, 33.9910, 29.0640

Deuteranomaly

38.5848, 34.4796, 24.7003

Tritanomaly

45.8277, 34.7734, 27.2182

Monochromacy



Original Color

45.2906, 34.7328, 25.4361

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.9049, 34.5795, 33.5836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2906, 34.7328, 25.4361 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(232, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(232, 130, 130)  
}
```

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(232, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 130, 130) }
```

Border

The CSS property to change the border of an element to XYZ 45.2906, 34.7328, 25.4361 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(232, 130, 130) }
```


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

```
.border{ border-color:rgb(232, 130, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 130, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 130, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 130, 130);  
box-shadow:4px 4px 4px 4px rgb(232, 130,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2906, 34.7328, 25.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 130, 130) }
```

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

```
.background{ background-color: rgb(232,  
130, 130) }
```

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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