

Converting Colors

XYZ(46.2945, 35.2439, 25.5376)

Have a look what the booklet for
XYZ(46.2945, 35.2439, 25.5376)
contains.

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Color

**XYZ(46.2728, 35.2391,
25.4821)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8282
RGB	235, 130, 130
RGB Percent	92%, 51%, 51%
CMY	0.0784, 0.4902, 0.4902
CMYK	0.00, 0.45, 0.45, 0.08
HSL	0°, 72%, 72%
HSV	0°, 45%, 92%
XYZ	46.2728, 35.2391, 25.4821
YIQ	161.3950, 62.5800, 22.2600

Conversions

Conversions Part 2

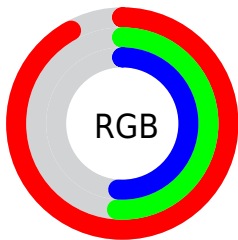
Format	Color
R _Y B	235, 130, 130
Decimal	15434370
CIE Lab	65.93, 40.17, 18.02
CIE LCh	66, 44.027, 24.154
Yxy	35.2391, 0.4325, 0.3294
Android (android.graphics.Color)	4293624450 (0xFFEB8282)
YUV	161.3950, -15.4777, 64.5516
Hunter-Lab	59.3625, 35.2554, 16.1028

Details

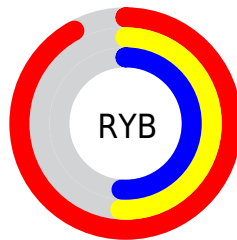
The XYZ color **46.2728, 35.2391, 25.4821** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.9081, 70.1573, 89.2975**, and the grayscale version is **34.1104, 35.8868, 39.0807**.

A 20% lighter version of the original color is **67.1362, 59.3768, 52.7222**, and **22.1141, 15.2730, 9.5670** is the 20% darker color. If you saturate the color by 10%, you get **42.0950, 29.1263, 17.1760**, and if you desaturate by 10%, it is **51.5262, 42.9269, 35.9244**.

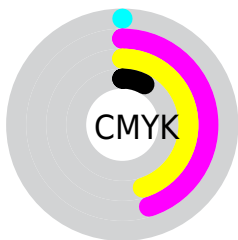
Distribution



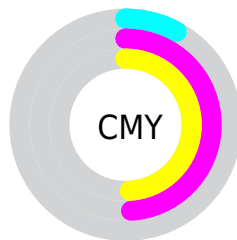
- Red (92%)
- Green (51%)
- Blue (51%)



- Red (92%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (45%)
- Yellow (45%)
- Black (8%)





- Cyan (8%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2728, 35.2391, 25.4821 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 46.2728, 35.2391, 25.4821 by changing the saturation by 10% instead.


 46.2728, 35.2391,
25.4821


 46.2728, 35.2391,
25.4821


362.6019,
325.6224, 293.7545


 32.6667, 23.8471,
16.2143


 83.8525, 67.8560,
53.4120

 22.0292, 15.2202,
9.5199


 108.5568, 89.8497,
72.9113

 13.9951, 8.9741,
4.9804


 137.6911,
116.1461, 96.6581

 8.1989, 4.7243,
2.1772

171.6210,
147.1296, 125.0710

 4.2754, 2.0864,
0.6612

210.7116,
183.1846, 158.5686

 1.8591, 0.6570,
0.0000

255.3284,

 0.5529, 0.0000,

224.6955, 197.5693

0.0000

305.8367,
272.0466, 242.4918

■ 0.0000, 0.0000,
0.0000

■ 46.2728, 35.2391,
25.4821

■ 46.2728, 35.2391,
25.4821

■ 42.0950, 29.1263,
17.1760

■ 51.5262, 42.9269,
35.9244

■ 38.9162, 24.4746,
10.8568

■ 57.9197, 52.2824,
48.6343

■ 36.6537, 21.1638,
6.3593


■ 65.5158, 63.3976,
63.7350


■ 35.2105, 19.0520,
3.4908

■ 74.3716, 76.3561,
81.3401

■ 34.4681, 17.9655,
2.0151

■ 84.5407, 91.2364,
101.5561

 34.2610, 17.6624,
1.6034

 88.0708, 96.4021,
108.5734

Harmonies

Analogous

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



47.5643, 35.2391, 42.1404



46.2728, 35.2391, 25.4821



41.3778, 35.2391, 16.0173

Triad

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



46.2728, 35.2391, 25.4821



24.3313, 35.2391, 20.9620



32.2340, 35.2391, 86.2658

Complementary

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



46.2728, 35.2391, 25.4821



53.9081, 70.1573, 89.2975

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.



26.6807, 35.2391, 75.4146



46.2728, 35.2391, 25.4821



22.5139, 35.2391, 34.8304

Square

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



46.2728, 35.2391, 25.4821



28.6250, 35.2391, 14.0619



23.3149, 35.2391, 55.0009



38.8854, 35.2391, 81.2941

Rectangle

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



46.2728, 35.2391, 25.4821



37.0317, 35.2391, 13.1710



23.3149, 35.2391, 55.0009



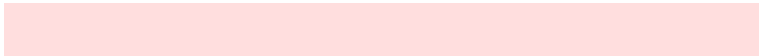
30.1885, 35.2391, 84.2622

Sweetspot

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



46.2737, 35.2409, 25.4828



80.4866, 78.6897, 79.9484



57.2390, 39.6258, 83.2287



16.7544, 16.1506, 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.



46.2737, 35.2409, 25.4828



50.8657, 35.3458, 21.0637



55.1208, 52.9351, 28.4318



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.



53.9081, 70.1573, 89.2975



61.1841, 82.5380, 107.3144



41.0320, 44.4053, 85.0055



15.5177, 17.1218, 19.4092



24.8777, 36.4024, 49.4581



1.9535, 2.8585, 3.8837

Previews

White Background



This preview shows how the XYZ color 46.2728, 35.2391, 25.4821 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 46.2728, 35.2391, 25.4821 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 46.2728, 35.2391, 25.4821

Background



This preview shows how black text looks on a background with the XYZ color 46.2728, 35.2391, 25.4821.



This preview shows how white text looks on a background with the XYZ color 46.2728, 35.2391,

25.4821.

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

46.2728, 35.2391, 25.4821

Protanopia

33.6180, 35.4014, 31.8494

Deuteranopia

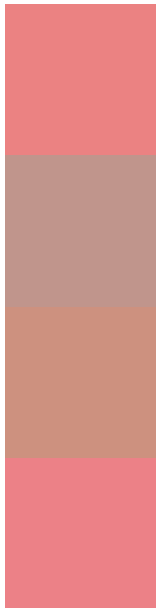
36.0605, 35.3089, 24.6534



Tritanopia

47.0298, 35.3684, 28.3928

Trichromacy



Original Color

46.2728, 35.2391, 25.4821

Protanomaly

37.2193, 34.5948, 29.5267

Deuteranomaly

39.1330, 34.7622, 24.7259

Tritanomaly

46.8155, 35.2827, 27.2645

Monochromacy



Original Color

46.2728, 35.2391, 25.4821

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

37.1504, 34.7061, 33.5951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2728, 35.2391, 25.4821 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(235, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 130, 130) }
```

Border

The CSS property to change the border of an element to XYZ 46.2728, 35.2391, 25.4821 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(235, 130, 130) }
```


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

```
.border{ border-color:rgb(235, 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(235, 130, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 130, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 130, 130);  
box-shadow:4px 4px 4px 4px rgb(235, 130,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2728, 35.2391, 25.4821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 130, 130) }
```

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

```
.background{ background-color: rgb(235,  
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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