

Converting Colors

XYZ(46.3584, 33.1442, 36.5490)

Have a look what the booklet for
XYZ(46.3584, 33.1442, 36.5490)
contains.

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Color

**XYZ(46.2532, 33.0919,
36.7505)**

Conversions

Conversions Part 1

Format	Color
Hex	E8789F
RGB	232, 120, 159
RGB Percent	91%, 47%, 62%
CMY	0.0902, 0.5294, 0.3765
CMYK	0.00, 0.48, 0.31, 0.09
HSL	339°, 71%, 69%
HSV	339°, 48%, 91%
XYZ	46.2532, 33.0919, 36.7505
YIQ	157.9340, 54.2330, 35.8730

Conversions

Conversions Part 2

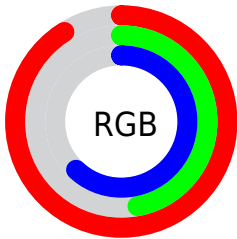
Format	Color
R_{YB}	232, 120, 159
Decimal	15235231
CIE _{Lab}	64.24, 47.44, -0.91
CIE _{LCh}	64, 47.450, 358.896
Yxy	33.0919, 0.3984, 0.2850
Android (android.graphics.Color)	4293425311 (0xFFE8789F)
YUV	157.9340, 0.5255, 64.9559
Hunter-Lab	57.5256, 42.8525, 2.3902

Details

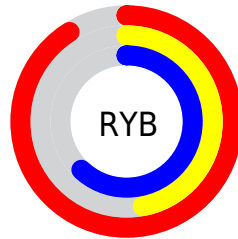
The XYZ color **46.2532, 33.0919, 36.7505** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.2296, 65.5574, 60.6727**, and the grayscale version is **32.4509, 34.1409, 37.1794**.

A 20% lighter version of the original color is **68.7076, 56.7750, 70.9557**, and **21.9475, 13.9813, 15.7292** is the 20% darker color. If you saturate the color by 10%, you get **42.5604, 27.6794, 29.4365**, and if you desaturate by 10%, it is **50.7843, 39.9236, 45.1367**.

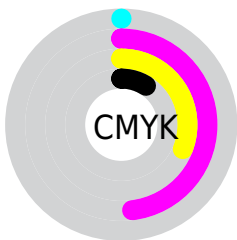
Distribution



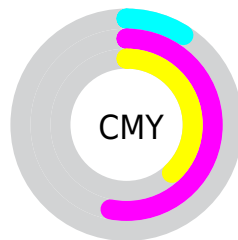
- Red (91%)
- Green (47%)
- Blue (62%)



- Red (91%)
- Yellow (47%)
- Blue (62%)



- Cyan (0%)
- Magenta (48%)
- Yellow (31%)
- Black (9%)





- Cyan (9%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2532, 33.0919, 36.7505 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 46.2532, 33.0919, 36.7505 by changing the saturation by 10% instead.


 46.2532, 33.0919,
36.7505


 46.2532, 33.0919,
36.7505


362.5246,
316.0636, 347.3652


 32.6511, 22.1969,
24.7201


 83.8234, 64.5190,
71.3709

 22.0173, 14.0016,
15.6515

 108.5222, 85.8198,
94.7980

 13.9863, 8.1218,
9.1262


 137.6506,
111.3580, 122.8611

 8.1928, 4.1730,
4.7257


171.5740,
141.5180, 155.9787

 4.2714, 1.7708,
2.0313

210.6577,
176.6842, 194.5694

 1.8568, 0.4689,
0.5744

255.2672,

 0.5515, 0.0000,

217.2409, 239.0517

0.0000

305.7677,
263.5726, 289.8441

■ 0.0000, 0.0000,
0.0000

■ 46.2532, 33.0919,
36.7505

■ 46.2532, 33.0919,
36.7505

■ 42.5604, 27.6794,
29.4365

■ 50.7843, 39.9236,
45.1367

■ 39.6477, 23.5795,
23.1458

■ 56.2010, 48.2611,
54.6370

■ 37.4533, 20.6785,
17.8281


■ 62.5503, 58.1898,
65.2930

■ 35.9044, 18.8408,
13.4268


■ 69.8751, 69.7873,
77.1436

■ 34.8987, 17.8734,
9.8734

■ 78.2154, 83.1262,
90.2259

 34.7557, 17.7466,
9.3348

 86.2524, 95.5613,
104.1229

 87.0888, 95.8959,
108.5274

Harmonies

Analogous

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



43.8908, 33.0919, 58.7791



46.2532, 33.0919, 36.7505



44.2030, 33.0919, 20.9208

Triad

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



46.2532, 33.0919, 36.7505



25.6026, 33.0919, 12.3431



25.2279, 33.0919, 78.0136

Complementary

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



46.2532, 33.0919, 36.7505



46.2296, 65.5574, 60.6727

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.



21.4256, 33.0919, 57.0812



46.2532, 33.0919, 36.7505



21.6193, 33.0919, 20.0714

Square

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



46.2532, 33.0919, 36.7505



31.7029, 33.0919, 10.2212



20.2036, 33.0919, 35.3218



31.2041, 33.0919, 87.2667

Rectangle

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



46.2532, 33.0919, 36.7505



40.7547, 33.0919, 14.6923



20.2036, 33.0919, 35.3218



23.6864, 33.0919, 71.8120

Sweetspot

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



46.2541, 33.0936, 36.7511



81.1770, 77.8906, 86.8990



43.2247, 30.5722, 79.9670



16.9647, 16.0232, 17.9314



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.



46.2541, 33.0936, 36.7511



52.7312, 34.2855, 36.4561



45.5874, 36.3481, 22.3845



14.5831, 14.4504, 16.0052



19.3487, 9.8737, 5.4652



1.4724, 0.7467, 0.6284

Inverse Universe

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



46.2541, 33.0936, 36.7511



52.7312, 34.2855, 36.4561



46.6638, 58.5231, 85.1808



14.5831, 14.4504, 16.0052



19.3487, 9.8737, 5.4652



1.4724, 0.7467, 0.6284

Previews

White Background



This preview shows how the XYZ color 46.2532, 33.0919, 36.7505 looks on a white background.

Color Contrast Check

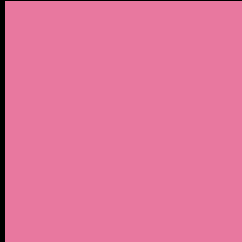
Large Text (above 18pt) WCAG AA × Fail

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 46.2532, 33.0919, 36.7505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

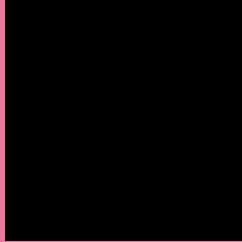
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.2532, 33.0919, 36.7505

Background



This preview shows how black text looks on a background with the XYZ color 46.2532, 33.0919, 36.7505.



This preview shows how white text looks on a background with the XYZ color 46.2532, 33.0919,

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

46.2532, 33.0919, 36.7505

Protanopia

32.9085, 33.4134, 47.8950

Deuteranopia

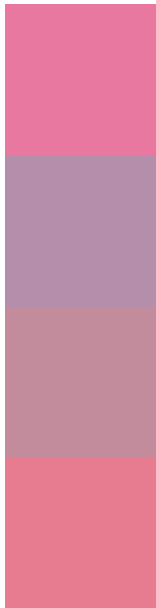
33.9126, 33.2370, 35.1998



Tritanopia

44.2698, 33.2115, 26.6314

Trichromacy



Original Color

46.2532, 33.0919, 36.7505

Protanomaly

36.1755, 32.1483, 43.3283

Deuteranomaly

37.6270, 32.6258, 35.7667

Tritanomaly

44.9959, 33.1380, 30.0113

Monochromacy



Original Color

46.2532, 33.0919, 36.7505

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

36.1524, 32.7294, 36.7597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2532, 33.0919, 36.7505 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, 120, 159)` looks like.

```
.text, #text, p{  
    color:rgb(232, 120, 159)  
}
```

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, 120, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 120, 159) }
```

Border

The CSS property to change the border of an element to XYZ 46.2532, 33.0919, 36.7505 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, 120, 159) }
```


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

```
.border{ border-color:rgb(232, 120, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 120, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 120, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 120, 159);  
box-shadow:4px 4px 4px 4px rgb(232, 120,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2532, 33.0919, 36.7505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 120, 159) }
```

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

```
.background{ background-color: rgb(232,  
120, 159) }
```

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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