

Converting Colors

XYZ(47.7647, 36.4744, 32.5164)

Have a look what the booklet for
XYZ(47.7647, 36.4744, 32.5164)
contains.

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Color

**XYZ(47.6645, 36.4056,
32.5318)**

Conversions

Conversions Part 1

Format	Color
Hex	EA8594
RGB	234, 133, 148
RGB Percent	92%, 52%, 58%
CMY	0.0824, 0.4784, 0.4196
CMYK	0.00, 0.43, 0.37, 0.08
HSL	351°, 71%, 72%
HSV	351°, 43%, 92%
XYZ	47.6645, 36.4056, 32.5318
YIQ	164.9090, 55.3810, 26.0770

Conversions

Conversions Part 2

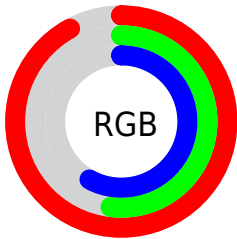
Format	Color
RYB	234, 133, 148
Decimal	15369620
CIELab	66.83, 40.22, 9.10
CIElCh	67, 41.240, 12.753
Yxy	36.4056, 0.4088, 0.3122
Android (android.graphics.Color)	4293559700 (0xFFEA8594)
YUV	164.9090, -8.3361, 60.5928
Hunter-Lab	60.3371, 35.4199, 10.2687

Details

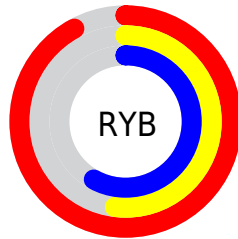
The XYZ color **47.6645, 36.4056, 32.5318** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.8836, 68.9474, 77.5952**, and the grayscale version is **35.7416, 37.6030, 40.9497**.

A 20% lighter version of the original color is **69.8839, 61.4907, 64.0627**, and **22.8262, 15.8807, 13.4175** is the 20% darker color. If you saturate the color by 10%, you get **43.3665, 30.1201, 23.9761**, and if you desaturate by 10%, it is **52.9495, 44.2304, 42.7566**.

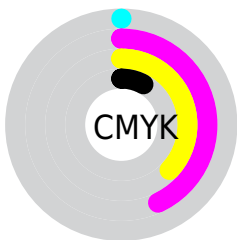
Distribution



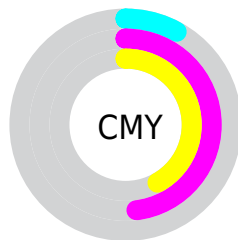
- Red (92%)
- Green (52%)
- Blue (58%)



- Red (92%)
- Yellow (52%)
- Blue (58%)



- Cyan (0%)
- Magenta (43%)
- Yellow (37%)
- Black (8%)





- Cyan (8%)
- Magenta (48%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6645, 36.4056, 32.5318 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 47.6645, 36.4056, 32.5318 by changing the saturation by 10% instead.


 47.6645, 36.4056,
32.5318

 47.6645, 36.4056,
32.5318


368.0655,
330.7299, 328.1018


 33.7714, 24.7476,
21.4998


 85.9174, 69.6576,
64.7514

 22.8801, 15.8891,
13.2951


 111.0079, 92.0205,
86.7762

 14.6252, 9.4457,
7.4989


 140.5616,
118.7204, 113.3023

 8.6414, 5.0330,
3.6929

174.9439,
150.1418, 144.7482

 4.5632, 2.2667,
1.4584

214.5200,
186.6690, 181.5326

 2.0255, 0.7560,
0.1867

259.6555,

 0.6482, 0.0000,

228.6865, 224.0740

0.0000

310.7155,
276.5787, 272.7909

■ 0.0000, 0.0000,
0.0000

■ 47.6645, 36.4056,
32.5318

■ 47.6645, 36.4056,
32.5318

■ 43.3665, 30.1201,
23.9761

■ 52.9495, 44.2304,
42.7566

■ 39.9907, 25.2669,
16.9984

■ 59.2751, 53.6814,
54.7311

■ 37.4692, 21.7343,
11.5015

■ 66.6943, 64.8451,
68.5329

■ 35.7231, 19.3913,
7.3767

■ 75.2558, 77.8006,
84.2343

■ 34.6583, 18.0797,
4.4998

■ 85.0052, 92.6220,
101.9039

■ 34.2312, 17.6122,
3.1654

■ 87.7417, 96.2324,
108.5580

Harmonies

Analogous

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



47.3639, 36.4056, 50.7179



47.6645, 36.4056, 32.5318



44.1750, 36.4056, 20.5989

Triad

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



47.6645, 36.4056, 32.5318



27.0842, 36.4056, 19.3925



31.1676, 36.4056, 82.3128

Complementary

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



47.6645, 36.4056, 32.5318



51.8836, 68.9474, 77.5952

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.



26.5234, 36.4056, 67.8199



47.6645, 36.4056, 32.5318



24.3676, 36.4056, 30.3046

Square

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



47.6645, 36.4056, 32.5318



32.0224, 36.4056, 14.6938



24.1755, 36.4056, 47.7137



37.3175, 36.4056, 83.4524

Rectangle

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



47.6645, 36.4056, 32.5318



40.3876, 36.4056, 16.2765



24.1755, 36.4056, 47.7137



29.3979, 36.4056, 78.6789

Sweetspot

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



47.6655, 36.4074, 32.5325



81.1551, 78.9564, 83.4708



52.4083, 37.7543, 82.3670



16.9167, 16.2154, 17.0269



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.



47.6655, 36.4074, 32.5325



53.1378, 37.2331, 30.0115



52.2339, 47.3223, 28.5738



15.1566, 15.0905, 16.1099



19.2642, 9.9084, 1.9268



1.5408, 0.7893, 0.2994

Inverse Universe

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



47.6655, 36.4074, 32.5325



53.1378, 37.2331, 30.0115



44.8687, 51.6146, 85.4396



15.1566, 15.0905, 16.1099



19.2642, 9.9084, 1.9268



1.5408, 0.7893, 0.2994

Previews

White Background



This preview shows how the XYZ color 47.6645, 36.4056, 32.5318 looks on a white background.

Color Contrast Check

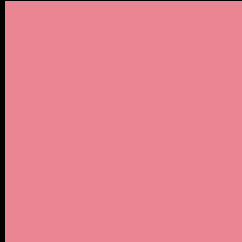
Large Text (above 18pt) WCAG AA × Fail

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 47.6645, 36.4056, 32.5318 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 47.6645, 36.4056, 32.5318

Background



This preview shows how black text looks on a background with the XYZ color 47.6645, 36.4056, 32.5318.



This preview shows how white text looks on a background with the XYZ color 47.6645, 36.4056,

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

47.6645, 36.4056, 32.5318

Protanopia

35.3471, 36.6280, 40.3289

Deuteranopia

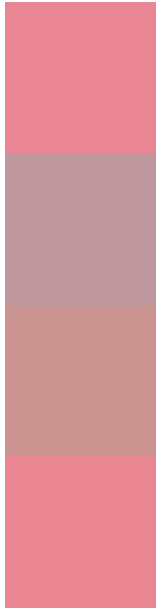
37.3407, 36.5667, 31.4756



Tritanopia

47.4908, 36.5562, 30.9386

Trichromacy



Original Color

47.6645, 36.4056, 32.5318

Protanomaly

38.7240, 35.6782, 37.1934

Deuteranomaly

40.3293, 35.9207, 31.5959

Tritanomaly

47.5676, 36.5870, 31.3430

Monochromacy



Original Color

47.6645, 36.4056, 32.5318

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.8844, 36.2328, 37.7451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6645, 36.4056, 32.5318 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(234, 133, 148)` looks like.

```
.text, #text, p{  
    color:rgb(234, 133, 148)  
}
```

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(234, 133, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 133, 148) }
```

Border

The CSS property to change the border of an element to XYZ 47.6645, 36.4056, 32.5318 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(234, 133, 148) }
```


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

```
.border{ border-color:rgb(234, 133, 148) }
```

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

Here you see how a box with a 4 pixel rgb(234, 133, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 133, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 133, 148);  
box-shadow:4px 4px 4px 4px rgb(234, 133,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6645, 36.4056, 32.5318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 133, 148) }
```

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

```
.background{ background-color: rgb(234,  
133, 148) }
```

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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