

Converting Colors

XYZ(47.5238, 37.1940, 28.2239)

Have a look what the booklet for
XYZ(47.5238, 37.1940, 28.2239)
contains.

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Color

**XYZ(47.7220, 37.3596,
28.3628)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8989
RGB	235, 137, 137
RGB Percent	92%, 54%, 54%
CMY	0.0784, 0.4627, 0.4627
CMYK	0.00, 0.42, 0.42, 0.08
HSL	0°, 71%, 73%
HSV	0°, 42%, 92%
XYZ	47.7220, 37.3596, 28.3628
YIQ	166.3020, 58.4080, 20.7760

Conversions

Conversions Part 2

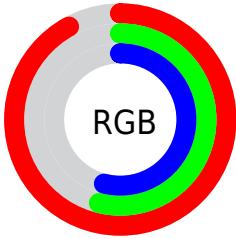
Format	Color
R_{YB}	235, 137, 137
Decimal	15436169
CIE _{Lab}	67.55, 37.29, 16.31
CIE _{LCh}	68, 40.703, 23.630
Yxy	37.3596, 0.4207, 0.3293
Android (android.graphics.Color)	4293626249 (0xFFEB8989)
YUV	166.3020, -14.4459, 60.2481
Hunter-Lab	61.1225, 32.4013, 15.2733

Details

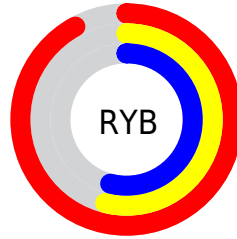
The XYZ color **47.7220, 37.3596, 28.3628** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.0189, 70.7303, 89.3498**, and the grayscale version is **36.4405, 38.3382, 41.7503**.

A 20% lighter version of the original color is **69.3839, 62.6770, 57.1561**, and **22.8733, 16.4152, 10.9797** is the 20% darker color. If you saturate the color by 10%, you get **43.2318, 30.7896, 19.4355**, and if you desaturate by 10%, it is **53.3086, 45.5349, 39.4674**.

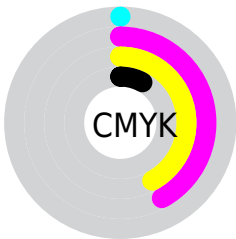
Distribution



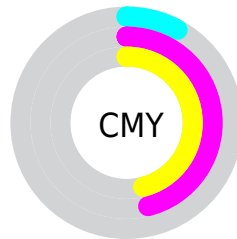
- Red (92%)
- Green (54%)
- Blue (54%)



- Red (92%)
- Yellow (54%)
- Blue (54%)



- Cyan (0%)
- Magenta (42%)
- Yellow (42%)
- Black (8%)





- Cyan (8%)
- Magenta (46%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7220, 37.3596, 28.3628 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 47.7220, 37.3596, 28.3628 by changing the saturation by 10% instead.


 47.7220, 37.3596,
28.3628


 47.7220, 37.3596,
28.3628

368.2901,
334.8648, 308.1628


 33.8171, 25.4860,
18.3579

 86.0025, 71.1255,
58.0932

 22.9154, 16.4395,
11.0352


 111.1089, 93.7866,
78.6558

 14.6514, 9.8357,
5.9760


 140.6799,
120.8124, 103.5747

 8.6598, 5.2902,
2.7619

175.0807,
152.5872, 133.2684

 4.5753, 2.4185,
0.9744

214.6768,
189.4955, 168.1556

 2.0325, 0.8354,
0.0000

259.8335,

 0.6521, 0.0000,

231.9216, 208.6547

0.0000

310.9161,
280.2499, 255.1842

■ 0.0000, 0.0000,
0.0000

■ 47.7220, 37.3596,
28.3628

■ 47.7220, 37.3596,
28.3628

■ 43.2318, 30.7896,
19.4355

■ 53.3086, 45.5349,
39.4674

■ 39.7634, 25.7142,
12.5407

■ 60.0541, 55.4055,
52.8771

■ 37.2373, 22.0178,
7.5193

■ 68.0196, 67.0613,
68.7123

■ 35.5613, 19.5652,
4.1878

■ 77.2612, 80.5843,
87.0843

■ 34.6245, 18.1942,
2.3257

■ 87.8314, 96.0515,
108.0978

■ 34.2611, 17.6625,
1.6034

■ 88.0710, 96.4022,
108.5734

Harmonies

Analogous

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



48.8700, 37.3596, 44.6255



47.7220, 37.3596, 28.3628



43.1386, 37.3596, 18.7505

Triad

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



47.7220, 37.3596, 28.3628



26.6696, 37.3596, 23.4646



34.1899, 37.3596, 85.4739

Complementary

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



47.7220, 37.3596, 28.3628



55.0189, 70.7303, 89.3498

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.



28.8369, 37.3596, 75.2411



47.7220, 37.3596, 28.3628



24.8367, 37.3596, 36.9709

Square

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



47.7220, 37.3596, 28.3628



30.8983, 37.3596, 16.5588



25.5809, 37.3596, 56.1247



40.5573, 37.3596, 81.1548

Rectangle

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



47.7220, 37.3596, 28.3628



39.0120, 37.3596, 15.7521



25.5809, 37.3596, 56.1247



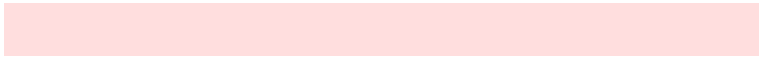
32.2226, 37.3596, 83.5445

Sweetspot

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



47.7230, 37.3615, 28.3635



80.4866, 78.6897, 79.9484



58.2022, 41.5520, 83.5501



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.



47.7230, 37.3615, 28.3635



52.7585, 38.1154, 24.8263



56.3354, 54.5864, 31.2343



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.



55.0189, 70.7303, 89.3498



62.6349, 83.2861, 107.3824



42.8711, 46.4347, 85.3006



15.5177, 17.1218, 19.4092



24.8777, 36.4023, 49.4581



1.9535, 2.8585, 3.8837

Previews

White Background



This preview shows how the XYZ color 47.7220, 37.3596, 28.3628 looks on a white background.

Color Contrast Check

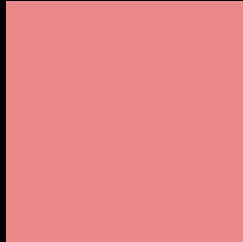
Large Text (above 18pt) WCAG AA × Fail

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 47.7220, 37.3596, 28.3628 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 47.7220, 37.3596, 28.3628

Background



This preview shows how black text looks on a background with the XYZ color 47.7220, 37.3596, 28.3628.



This preview shows how white text looks on a background with the XYZ color 47.7220, 37.3596,

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

47.7220, 37.3596, 28.3628

Protanopia

35.6560, 37.4432, 34.6261

Deuteranopia

38.1987, 37.3536, 27.3870



Tritanopia

48.5845, 37.5165, 31.8749

Trichromacy



Original Color

47.7220, 37.3596, 28.3628

Protanomaly

38.9920, 36.6559, 32.2143

Deuteranomaly

41.2218, 36.9438, 27.5125

Tritanomaly

48.3542, 37.4244, 30.6617

Monochromacy



Original Color

47.7220, 37.3596, 28.3628

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

39.1236, 36.8856, 36.0679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7220, 37.3596, 28.3628 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, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(235, 137, 137)  
}
```

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, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 137, 137) }
```

Border

The CSS property to change the border of an element to XYZ 47.7220, 37.3596, 28.3628 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, 137, 137) }
```


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

```
.border{ border-color:rgb(235, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(235, 137,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7220, 37.3596, 28.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 137, 137) }
```

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

```
.background{ background-color: rgb(235,  
137, 137) }
```

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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