

Converting Colors

XYZ(50.5406, 40.6202, 36.6292)

Have a look what the booklet for
XYZ(50.5406, 40.6202, 36.6292)
contains.

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Color

**XYZ(50.5406, 40.6202,
36.6292)**

Conversions

Conversions Part 1

Format	Color
Hex	EB929C
RGB	235, 146, 156
RGB Percent	92%, 57%, 61%
CMY	0.0784, 0.4274, 0.3882
CMYK	0.00, 0.38, 0.34, 0.08
HSL	353°, 69%, 75%
HSV	353°, 38%, 92%
XYZ	50.5406, 40.6202, 36.6292
YIQ	173.7510, 49.8340, 21.9780

Conversions

Conversions Part 2

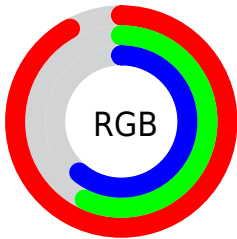
Format	Color
R _Y B	235, 146, 156
Decimal	15438492
CIE Lab	69.91, 34.78, 9.02
CIE LCh	70, 35.930, 14.542
Yxy	40.6202, 0.3955, 0.3179
Android (android.graphics.Color)	4293628572 (0xFFEB929C)
YUV	173.7510, -8.7512, 53.7154
Hunter-Lab	63.7340, 30.0148, 10.5386

Details

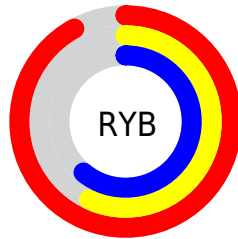
The XYZ color **50.5406, 40.6202, 36.6292** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.1549, 70.9649, 82.0285**, and the grayscale version is **40.1309, 42.2208, 45.9785**.

A 20% lighter version of the original color is **73.7595, 67.6864, 70.1500**, and **24.6840, 18.3724, 15.6098** is the 20% darker color. If you saturate the color by 10%, you get **45.6659, 33.4591, 27.0249**, and if you desaturate by 10%, it is **56.4654, 49.3956, 48.0810**.

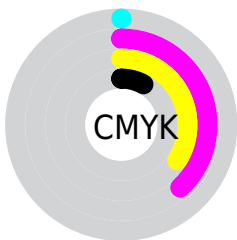
Distribution



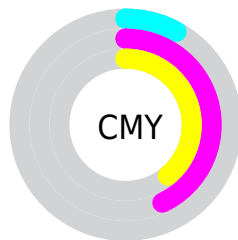
- Red (92%)
- Green (57%)
- Blue (61%)



- Red (92%)
- Yellow (57%)
- Blue (61%)



- Cyan (0%)
- Magenta (38%)
- Yellow (34%)
- Black (8%)





- Cyan (8%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5406, 40.6202, 36.6292 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 50.5406, 40.6202, 36.6292 by changing the saturation by 10% instead.


 50.5406, 40.6202,
36.6292


 50.5406, 40.6202,
36.6292


379.1934,
348.7307, 346.8226

 36.0627, 28.0224,
24.6270


 90.1624, 76.1070,
71.1821

 24.6529, 18.3426,
15.5829


 116.0370, 99.7648,
94.5698

 15.9460, 11.1962,
9.0783


146.4411,
127.8782, 122.5898

 9.5766, 6.1990,
4.6948

181.7403,
160.8313, 155.6606

 5.1792, 2.9664,
2.0137

222.2997,
199.0088, 194.2007

 2.3886, 1.1142,
0.5637

268.4848,

 0.8394, 0.0000,

242.7949, 238.6288

0.0000

320.6609,
292.5741, 289.3632

■ 0.0000, 0.0000,
0.0000

■ 50.5406, 40.6202,
36.6292

■ 50.5406, 40.6202,
36.6292

■ 45.6659, 33.4591,
27.0249

■ 56.4654, 49.3956,
48.0810

■ 41.7766, 27.8083,
19.1688

■ 63.4934, 59.8693,
61.4679

■ 38.8060, 23.5610,
12.9559

■ 71.6781, 72.1262,
76.8744

■ 36.6773, 20.5939,
8.2687

■ 81.0686, 86.2443,
94.3797

■ 35.3014, 18.7621,
4.9741

■ 88.0710, 96.4022,
108.5734

■ 34.5605, 17.8689,
2.9126

■ 34.4519, 17.7386,
2.6085

Harmonies

Analogous

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



50.4849, 40.6202, 53.3740



50.5406, 40.6202, 36.6292



47.1852, 40.6202, 25.2755

Triad

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



50.5406, 40.6202, 36.6292



31.2496, 40.6202, 25.0256



35.6896, 40.6202, 83.0690

Complementary

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



50.5406, 40.6202, 36.6292



55.1549, 70.9649, 82.0285

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.



31.1393, 40.6202, 70.8643



50.5406, 40.6202, 36.6292



28.7577, 40.6202, 36.1923

Square

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



50.5406, 40.6202, 36.6292



35.8546, 40.6202, 19.8160



28.7195, 40.6202, 52.8122



41.4994, 40.6202, 83.2720

Rectangle

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



50.5406, 40.6202, 36.6292



43.6435, 40.6202, 21.0677



28.7195, 40.6202, 52.8122



33.9760, 40.6202, 80.1194

Sweetspot

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



50.5417, 40.6222, 36.6300



82.9924, 81.8896, 86.3689



56.2075, 42.5040, 83.8391



17.4719, 17.0905, 17.9378



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.



50.5417, 40.6222, 36.6300



56.4158, 42.3938, 35.4060



55.7954, 52.4289, 34.3757



15.1342, 15.0816, 15.9922



19.1970, 9.8815, 1.5730



1.5302, 0.7851, 0.2436

Inverse Universe

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



50.5417, 40.6222, 36.6300



56.4158, 42.3938, 35.4060



47.7106, 53.8298, 86.4730



15.1342, 15.0816, 15.9922



19.1970, 9.8815, 1.5730



1.5302, 0.7851, 0.2436

Previews

White Background



This preview shows how the XYZ color 50.5406, 40.6202, 36.6292 looks on a white background.

Color Contrast Check

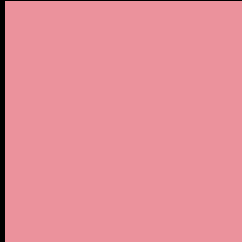
Large Text (above 18pt) WCAG AA × Fail

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 50.5406, 40.6202, 36.6292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

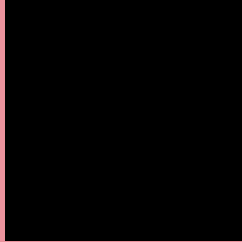
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5406, 40.6202, 36.6292

Background



This preview shows how black text looks on a background with the XYZ color 50.5406, 40.6202, 36.6292.



This preview shows how white text looks on a background with the XYZ color 50.5406, 40.6202,

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

50.5406, 40.6202, 36.6292

Protanopia

39.2154, 40.7280, 43.3305

Deuteranopia

41.7106, 40.8123, 35.8162



Tritanopia

50.6256, 40.6543, 37.0771

Trichromacy



Original Color

50.5406, 40.6202, 36.6292

Protanomaly

42.4717, 40.0404, 40.6120

Deuteranomaly

44.6379, 40.4885, 36.0342

Tritanomaly

50.6256, 40.6543, 37.0771

Monochromacy



Original Color

50.5406, 40.6202, 36.6292

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.0155, 41.0767, 42.2207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5406, 40.6202, 36.6292 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, 146, 156)` looks like.

```
.text, #text, p{  
    color:rgb(235, 146, 156)  
}
```

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, 146, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 146, 156) }
```

Border

The CSS property to change the border of an element to XYZ 50.5406, 40.6202, 36.6292 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, 146, 156) }
```


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

```
.border{ border-color:rgb(235, 146, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 146, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 146, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 146, 156); box-shadow:4px 4px 4px 4px rgb(235, 146, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5406, 40.6202, 36.6292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 146, 156) }
```

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

```
.background{ background-color: rgb(235,  
146, 156) }
```

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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