

Converting Colors

XYZ(50.2570, 37.5221, 56.6863)

Have a look what the booklet for
XYZ(50.2570, 37.5221, 56.6863)
contains.

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Color

**XYZ(50.3063, 37.6444,
56.8392)**

Conversions

Conversions Part 1

Format	Color
Hex	E387C4
RGB	227, 135, 196
RGB Percent	89%, 53%, 77%
CMY	0.1098, 0.4706, 0.2314
CMYK	0.00, 0.41, 0.14, 0.11
HSL	320°, 62%, 71%
HSV	320°, 41%, 89%
XYZ	50.3063, 37.6444, 56.8392
YIQ	169.4620, 35.2510, 38.4750

Conversions

Conversions Part 2

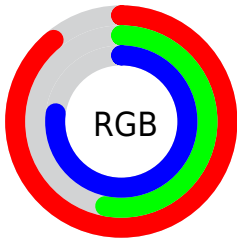
Format	Color
R _Y B	227, 135, 196
Decimal	14911428
CIE Lab	67.76, 43.43, -16.63
CIE LCh	68, 46.500, 339.048
Yxy	37.6444, 0.3474, 0.2600
Android (android.graphics.Color)	4293101508 (0xFFE387C4)
YUV	169.4620, 13.0832, 50.4608
Hunter-Lab	61.3550, 38.9847, -11.9776

Details

The XYZ color **50.3063, 37.6444, 56.8392** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **44.3453, 62.8433, 45.8719**, and the grayscale version is **37.8669, 39.8390, 43.3846**.

A 20% lighter version of the original color is **77.3831, 65.1788, 101.4307**, and **24.5533, 16.6856, 27.5177** is the 20% darker color. If you saturate the color by 10%, you get **46.6218, 31.6330, 51.4244**, and if you desaturate by 10%, it is **54.7127, 45.0274, 62.7145**.

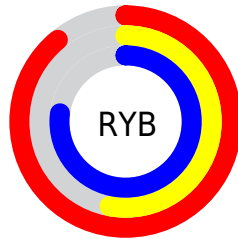
Distribution



Red (89%)

Green (53%)

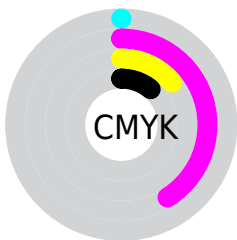
Blue (77%)



Red (89%)

Yellow (53%)

Blue (77%)

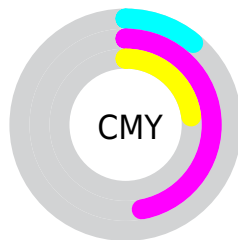


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (11%)



Cyan (11%)


Magenta (47%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3063, 37.6444, 56.8392 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 50.3063, 37.6444, 56.8392 by changing the saturation by 10% instead.


 50.3063, 37.6444,
56.8392

 50.3063, 37.6444,
56.8392

378.2948,
336.0921, 430.3233


 35.8756, 25.7068,
40.4677

 89.8176, 71.5628,
101.7285

 24.5078, 16.6044,
27.5868


 115.6290, 94.3123,
131.0834

 15.8375, 9.9529,
17.7781


 145.9647,
121.4347, 165.6031

 9.4994, 5.3677,
10.6230

181.1900,
153.3142, 205.7062

 5.1280, 2.4646,
5.7030

221.6703,
190.3353, 251.8112

 2.3581, 0.8588,
2.5995

267.7710,

 0.8241, 0.0000,

232.8824, 304.3367

0.8922

319.8573,
281.3399, 363.7013

■ 0.0000, 0.0000,
0.0000

■ 50.3063, 37.6444,
56.8392

■ 50.3063, 37.6444,
56.8392

■ 46.6218, 31.6330,
51.4244

■ 54.7127, 45.0274,
62.7145

■ 43.6117, 26.9010,
46.4498

■ 59.8776, 53.8559,
69.0644

■ 41.2282, 23.3533,
41.8966


■ 65.8392, 64.2048,
75.9052


■ 39.4154, 20.8791,
37.7428


■ 72.6321, 76.1422,
83.2514


■ 38.1067, 19.3463,
33.9626

■ 80.2889, 89.7323,
91.1168

 37.2247, 18.5494,
30.6872

 83.4503, 94.2556,
97.7180

 84.6230, 94.7247,
103.8934

 85.4888, 95.0710,
108.4525

Harmonies

Analogous

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



45.2153, 37.6444, 80.0684



50.3063, 37.6444, 56.8392



51.2433, 37.6444, 35.0714

Triad

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



50.3063, 37.6444, 56.8392



33.6493, 37.6444, 13.0026



26.0812, 37.6444, 71.3339

Complementary

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



50.3063, 37.6444, 56.8392



44.3453, 62.8433, 45.8719

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.



23.7897, 37.6444, 47.5360



50.3063, 37.6444, 56.8392



27.7579, 37.6444, 17.2873

Square

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



50.3063, 37.6444, 56.8392



40.9547, 37.6444, 14.0164



24.3594, 37.6444, 28.3978



31.0605, 37.6444, 90.1987

Rectangle

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



50.3063, 37.6444, 56.8392



49.2780, 37.6444, 24.6124



24.3594, 37.6444, 28.3978



25.0035, 37.6444, 63.3758

Sweetspot

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



50.3074, 37.6461, 56.8400



84.4372, 81.3601, 97.3909



38.1870, 30.9471, 76.6342



17.8463, 17.0194, 20.5900



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.



50.3074, 37.6461, 56.8400



61.2262, 42.0373, 67.7680



45.8759, 35.8735, 33.5036



14.7779, 14.5283, 17.0306



21.7659, 10.8406, 18.1941



1.6513, 0.8182, 1.5703

Inverse Universe

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



50.3074, 37.6461, 56.8400



61.2262, 42.0373, 67.7680



49.3037, 64.8266, 71.9823



14.7779, 14.5283, 17.0306



21.7659, 10.8406, 18.1941



1.6513, 0.8182, 1.5703

Previews

White Background



This preview shows how the XYZ color 50.3063, 37.6444, 56.8392 looks on a white background.

Color Contrast Check

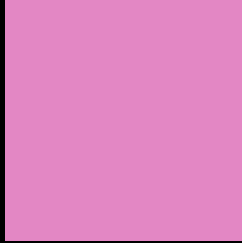
Large Text (above 18pt) WCAG AA × Fail

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 50.3063, 37.6444, 56.8392 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 50.3063, 37.6444, 56.8392

Background



This preview shows how black text looks on a background with the XYZ color 50.3063, 37.6444, 56.8392.



This preview shows how white text looks on a background with the XYZ color 50.3063, 37.6444,

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

50.3063, 37.6444, 56.8392

Protanopia

38.6190, 38.1842, 70.3006

Deuteranopia

38.5110, 37.6863, 54.5347



Tritanopia

45.7794, 37.5076, 35.3987

Trichromacy



Original Color

50.3063, 37.6444, 56.8392



Protanomaly

41.4903, 36.9696, 65.2707



Deuteranomaly

42.0891, 37.2539, 55.4245



Tritanomaly

47.2800, 37.4680, 42.2762

Monochromacy



Original Color

50.3063, 37.6444, 56.8392



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

41.4289, 38.3158, 47.8600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3063, 37.6444, 56.8392 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(227, 135, 196)` looks like.

```
.text, #text, p{  
    color:rgb(227, 135, 196)  
}
```

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(227, 135, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 135, 196) }
```

Border

The CSS property to change the border of an element to XYZ 50.3063, 37.6444, 56.8392 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(227, 135, 196) }
```


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

```
.border{ border-color:rgb(227, 135, 196) }
```

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

Here you see how a box with a 4 pixel rgb(227, 135, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 135, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 135, 196);  
box-shadow:4px 4px 4px 4px rgb(227, 135,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3063, 37.6444, 56.8392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 135, 196) }
```

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

```
.background{ background-color: rgb(227,  
135, 196) }
```

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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