

Converting Colors

XYZ(63.5260, 49.6555, 86.0938)

Have a look what the booklet for
XYZ(63.5260, 49.6555, 86.0938)
contains.

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Color

**XYZ(63.4535, 49.6068,
86.3515)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA0ED
RGB	239, 160, 237
RGB Percent	94%, 63%, 93%
CMY	0.0627, 0.3725, 0.0706
CMYK	0.00, 0.33, 0.01, 0.06
HSL	302°, 71%, 78%
HSV	302°, 33%, 94%
XYZ	63.4535, 49.6068, 86.3515
YIQ	192.3990, 22.3670, 40.6950

Conversions

Conversions Part 2

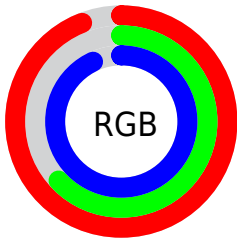
Format	Color
RYB	239, 160, 237
Decimal	15704301
CIELab	75.83, 41.19, -26.80
CIELCh	76, 49.140, 326.946
Yxy	49.6068, 0.3182, 0.2488
Android (android.graphics.Color)	4293894381 (0xFFEFA0ED)
YUV	192.3990, 21.9883, 40.8691
Hunter-Lab	70.4321, 37.5576, -23.3885

Details

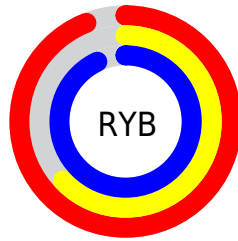
The XYZ color **63.4535, 49.6068, 86.3515** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **51.8874, 71.8169, 45.3125**, and the grayscale version is **50.2038, 52.8183, 57.5191**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **32.8896, 23.7967, 46.5758** is the 20% darker color. If you saturate the color by 10%, you get **59.6140, 42.0682, 84.6366**, and if you desaturate by 10%, it is **68.0928, 58.7427, 88.3355**.

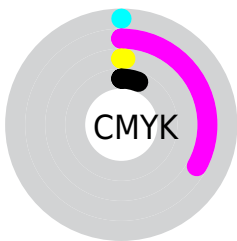
Distribution



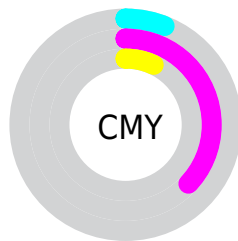
- Red (94%)
- Green (63%)
- Blue (93%)



- Red (94%)
- Yellow (63%)
- Blue (93%)



- Cyan (0%)
- Magenta (33%)
- Yellow (1%)
- Black (6%)




- Cyan (6%)
- Magenta (37%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4535, 49.6068, 86.3515 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 63.4535, 49.6068, 86.3515 by changing the saturation by 10% instead.


 63.4535, 49.6068,
86.3515


 63.4535, 49.6068,
86.3515


426.8470,
385.1263, 536.3503

 46.4682, 35.1011,
64.4021


 108.9017, 89.5920,
144.1508

 32.8216, 23.7407,
46.5282


 138.0952,
115.8403, 180.8378

 22.1484, 15.1414,
32.3111


172.0889,
146.7716, 223.2743

 14.0832, 8.9187,
21.3325

211.2481,
182.7702, 271.8791

 8.2607, 4.6882,
13.1736

255.9382,
224.2206, 327.0705

 4.3154, 2.0655,
7.4161

306.5245,

 1.8821, 0.6451,

271.5071, 389.2671

3.6413

363.3723,
325.0142, 458.8876

■ 0.5664, 0.0000,
1.4307

■ 0.0000, 0.0000,
0.1655

■ 63.4535, 49.6068,
86.3515

■ 63.4535, 49.6068,
86.3515

■ 59.6140, 42.0682,
84.6366

■ 68.0928, 58.7427,
88.3355

■ 56.5238, 36.0286,
83.1724

■ 73.5694, 69.5536,
90.5996

■ 54.1341, 31.3895,
81.9432

■ 79.9240, 82.1200,
93.1578

■ 52.3882, 28.0375,
80.9300

■ 86.9996, 96.1280,
95.9578

■ 51.2207, 25.8419,
80.1111

■ 87.0894, 96.1639,
96.4307

■ 50.5523, 24.6441,
79.4601

■ 87.1795, 96.1999,
96.9052

■ 50.2978, 24.2313,
79.0786

■ 87.2699, 96.2361,
97.3813

■ 87.3606, 96.2724,
97.8590

■ 87.4516, 96.3088,
98.3382

Harmonies

Analogous

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



55.5636, 49.6068, 112.3961



63.4535, 49.6068, 86.3515



66.9499, 49.6068, 56.7378

Triad

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



63.4535, 49.6068, 86.3515



48.0917, 49.6068, 17.7486



33.1637, 49.6068, 80.1595

Complementary

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



63.4535, 49.6068, 86.3515



51.8874, 71.8169, 45.3125

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.



31.6978, 49.6068, 51.3776



63.4535, 49.6068, 86.3515



39.6313, 49.6068, 20.4402

Square

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



63.4535, 49.6068, 86.3515



57.3915, 49.6068, 21.8746



33.9093, 49.6068, 30.9633



38.2053, 49.6068, 108.0845

Rectangle

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



63.4535, 49.6068, 86.3515



66.0225, 49.6068, 40.6406



33.9093, 49.6068, 30.9633



32.2671, 49.6068, 70.0383

Sweetspot

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



63.4551, 49.6090, 86.3526



87.3440, 84.7542, 105.8193



42.9149, 38.9862, 86.9258



18.4814, 17.7183, 22.5630



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.



63.4551, 49.6090, 86.3526



70.2681, 51.0972, 98.6014



58.3835, 47.5804, 59.6460



16.4360, 16.0241, 19.8520



27.8031, 13.3937, 43.7413



2.3184, 1.1164, 3.6675

Inverse Universe

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



63.4551, 49.6090, 86.3526



70.2681, 51.0972, 98.6014



55.8867, 73.4166, 66.3728



16.4360, 16.0241, 19.8520



27.8031, 13.3937, 43.7413



2.3184, 1.1164, 3.6675

Previews

White Background



This preview shows how the XYZ color 63.4535, 49.6068, 86.3515 looks on a white background.

Color Contrast Check

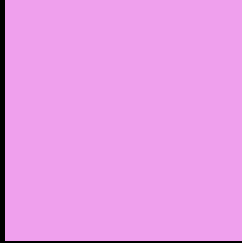
Large Text (above 18pt) WCAG AA × Fail

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 63.4535, 49.6068, 86.3515 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 63.4535, 49.6068, 86.3515

Background



This preview shows how black text looks on a background with the XYZ color 63.4535, 49.6068, 86.3515.



This preview shows how white text looks on a background with the XYZ color 63.4535, 49.6068,

86.3515.

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

63.4535, 49.6068, 86.3515

Protanopia

51.3353, 50.1334, 101.5788

Deuteranopia

50.9329, 49.6952, 83.9985



Tritanopia

56.4934, 49.7423, 51.9711

Trichromacy



Original Color

63.4535, 49.6068, 86.3515



Protanomaly

54.4609, 49.1654, 95.4264



Deuteranomaly

54.8099, 49.2970, 84.4684



Tritanomaly

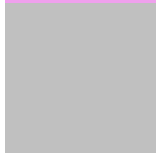
58.8592, 49.6114, 62.9737

Monochromacy



Original Color

63.4535, 49.6068, 86.3515



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

54.0009, 50.7519, 66.6244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4535, 49.6068, 86.3515 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(239, 160, 237)` looks like.

```
.text, #text, p{  
    color:rgb(239, 160, 237)  
}
```

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(239, 160, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 160, 237) }
```

Border

The CSS property to change the border of an element to XYZ 63.4535, 49.6068, 86.3515 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(239, 160, 237) }
```


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

```
.border{ border-color:rgb(239, 160, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 160, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 160, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 160, 237);  
box-shadow:4px 4px 4px 4px rgb(239, 160,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4535, 49.6068, 86.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 160, 237) }
```

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

```
.background{ background-color: rgb(239,  
160, 237) }
```

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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