

Converting Colors

XYZ(60.1629, 47.4007, 86.1014)

Have a look what the booklet for
XYZ(60.1629, 47.4007, 86.1014)
contains.

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Color

**XYZ(60.1460, 47.3911,
86.0981)**

Conversions

Conversions Part 1

Format	Color
Hex	E69EED
RGB	230, 158, 237
RGB Percent	90%, 62%, 93%
CMY	0.0980, 0.3804, 0.0706
CMYK	0.03, 0.33, 0.00, 0.07
HSL	295°, 69%, 77%
HSV	295°, 33%, 93%
XYZ	60.1460, 47.3911, 86.0981
YIQ	188.5340, 17.5530, 39.8330

Conversions

Conversions Part 2

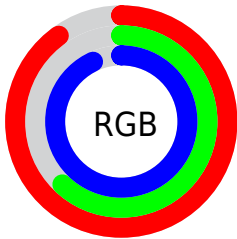
Format	Color
R _Y B	230, 158, 237
Decimal	15113965
CIE Lab	74.44, 39.44, -29.01
CIE LCh	74, 48.964, 323.660
Yxy	47.3911, 0.3106, 0.2447
Android (android.graphics.Color)	4293304045 (0xFFE69EED)
YUV	188.5340, 23.8937, 36.3657
Hunter-Lab	68.8412, 35.4819, -25.9638

Details

The XYZ color **60.1460, 47.3911, 86.0981** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **51.9744, 71.0375, 43.3223**, and the grayscale version is **47.9662, 50.4642, 54.9555**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **30.6256, 22.3236, 46.4108** is the 20% darker color. If you saturate the color by 10%, you get **55.8172, 39.7270, 84.8476**, and if you desaturate by 10%, it is **65.2655, 56.6225, 87.6108**.

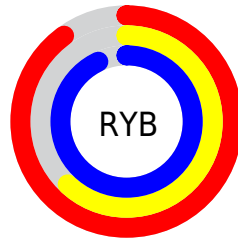
Distribution



Red (90%)

Green (62%)

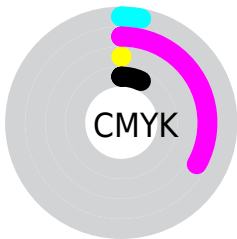
Blue (93%)



Red (90%)

Yellow (62%)

Blue (93%)

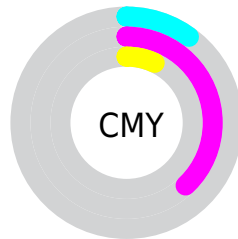


Cyan (3%)

Magenta (33%)

Yellow (0%)

Black (7%)



Cyan (10%)


Magenta (38%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1460, 47.3911, 86.0981 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 60.1460, 47.3911, 86.0981 by changing the saturation by 10% instead.


 60.1460, 47.3911,
86.0981


 60.1460, 47.3911,
86.0981


414.9618,
376.3735, 535.4937

 43.7862, 33.3449,
64.1937

 104.1466, 86.2971,
143.7941

 30.6997, 22.3908,
46.3604

 132.5181,
111.9258, 180.4229

 20.5210, 14.1444,
32.1796


165.6242,
142.1840, 222.7968

 12.8848, 8.2211,
21.2328

203.8304,
177.4563, 271.3345

 7.4257, 4.2368,
13.1014

247.5018,
218.1270, 326.4545

 3.7784, 1.8069,
7.3668

297.0040,

 1.5775, 0.4915,

264.5805, 388.5754

3.6107

352.7022,
317.2012, 458.1156

■ 0.3777, 0.0000,
1.4143

■ 0.0000, 0.0000,
0.1528

■ 60.1460, 47.3911,
86.0981

■ 60.1460, 47.3911,
86.0981

■ 55.8172, 39.7270,
84.8476

■ 65.2655, 56.6225,
87.6108

■ 52.2295, 33.5340,
83.8414

■ 71.2124, 67.4978,
89.3965

■ 49.3348, 28.7151,
83.0638

■ 78.0268, 80.0959,
91.4690

■ 47.0775, 25.1590,
82.4964

■ 85.7448, 94.4889,
93.8404

45.3931, 22.7369,
82.1176

87.1517, 96.2476,
94.1057

44.2035, 21.2927,
81.9016

87.8708, 96.6183,
94.1393

43.6056, 20.7137,
81.8213

88.5981, 96.9932,
94.1734

89.3338, 97.3724,
94.2078

90.0778, 97.7560,
94.2426

Harmonies

Analogous

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



52.2045, 47.3911, 110.1583



60.1460, 47.3911, 86.0981



64.1068, 47.3911, 57.1568

Triad

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



60.1460, 47.3911, 86.0981



46.9442, 47.3911, 16.7976



31.2173, 47.3911, 73.6702

Complementary

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



60.1460, 47.3911, 86.0981



51.9744, 71.0375, 43.3223

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.



30.1927, 47.3911, 46.4171



60.1460, 47.3911, 86.0981



38.5698, 47.3911, 18.6551

Square

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



60.1460, 47.3911, 86.0981



55.8688, 47.3911, 21.5139



32.7083, 47.3911, 27.8234



35.7160, 47.3911, 101.4964

Rectangle

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



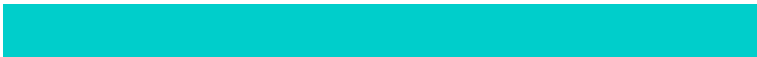
60.1460, 47.3911, 86.0981



63.6318, 47.3911, 40.9512



32.7083, 47.3911, 27.8234



30.4819, 47.3911, 63.9532

Sweetspot

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



60.1475, 47.3932, 86.0991



86.6215, 84.3697, 106.3273



43.0066, 40.6219, 85.6956



18.3052, 17.6245, 22.6870



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.



60.1475, 47.3932, 86.0991



67.4341, 49.5885, 100.6251



58.2212, 46.8874, 63.9943



15.5756, 15.2420, 19.0433



23.8644, 11.3385, 44.6737



1.9126, 0.9103, 3.5098

Inverse Universe

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



53.9450, 45.1769, 41.4762



59.1562, 46.6524, 40.0869



53.6369, 71.5389, 59.4696



15.1197, 15.0757, 15.9154



19.1616, 9.8673, 1.3865



1.5233, 0.7823, 0.2070

Previews

White Background



This preview shows how the XYZ color 60.1460, 47.3911, 86.0981 looks on a white background.

Color Contrast Check

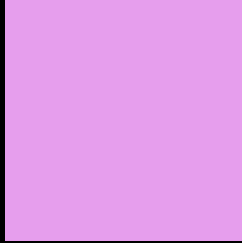
Large Text (above 18pt) WCAG AA × Fail

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 60.1460, 47.3911, 86.0981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

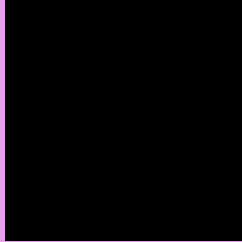
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1460, 47.3911, 86.0981

Background



This preview shows how black text looks on a background with the XYZ color 60.1460, 47.3911, 86.0981.



This preview shows how white text looks on a background with the XYZ color 60.1460, 47.3911,

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

60.1460, 47.3911, 86.0981

Protanopia

49.1112, 47.7806, 100.4001

Deuteranopia

48.7084, 47.6397, 83.7190



Tritanopia

52.7557, 47.2829, 50.6020

Trichromacy



Original Color

60.1460, 47.3911, 86.0981



Protanomaly

52.1365, 47.1036, 95.1509



Deuteranomaly

52.1095, 47.0477, 84.1765



Tritanomaly

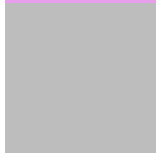
55.1671, 47.1821, 62.0765

Monochromacy



Original Color

60.1460, 47.3911, 86.0981



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.9628, 49.1344, 65.1377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1460, 47.3911, 86.0981 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(230, 158, 237)` looks like.

```
.text, #text, p{  
    color:rgb(230, 158, 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(230, 158, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 158, 237) }
```

Border

The CSS property to change the border of an element to XYZ 60.1460, 47.3911, 86.0981 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(230, 158, 237) }
```


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

```
.border{ border-color:rgb(230, 158, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 158, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 158, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 158, 237);  
box-shadow:4px 4px 4px 4px rgb(230, 158,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1460, 47.3911, 86.0981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 158, 237) }
```

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

```
.background{ background-color: rgb(230,  
158, 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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