

Converting Colors

XYZ(59.8499, 42.8576, 82.5867)

Have a look what the booklet for
XYZ(59.8499, 42.8576, 82.5867)
contains.

XYZ(60.0191, 42.9310, 82.9651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.0191, 42.9310,
82.9651)**

Conversions

Conversions Part 1

Format	Color
Hex	F08BEA
RGB	240, 139, 234
RGB Percent	94%, 55%, 92%
CMY	0.0588, 0.4549, 0.0823
CMYK	0.00, 0.42, 0.03, 0.06
HSL	304°, 77%, 74%
HSV	304°, 42%, 94%
XYZ	60.0191, 42.9310, 82.9651
YIQ	180.0290, 29.7010, 50.9570

Conversions

Conversions Part 2

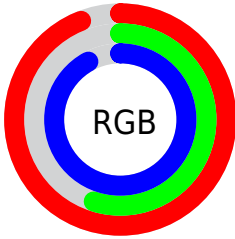
Format	Color
R _Y B	240, 139, 234
Decimal	15764458
CIE Lab	71.51, 51.77, -31.80
CIE LCh	72, 60.758, 328.443
Yxy	42.9310, 0.3228, 0.2309
Android (android.graphics.Color)	4293954538 (0xFFFF08BEA)
YUV	180.0290, 26.6077, 52.5946
Hunter-Lab	65.5218, 48.8461, -29.2091

Details

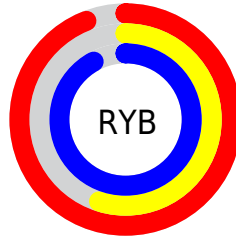
The XYZ color **60.0191, 42.9310, 82.9651** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **46.9202, 69.8550, 37.8010**, and the grayscale version is **43.2499, 45.5022, 49.5519**.

A 20% lighter version of the original color is **78.8051, 67.5102, 103.4850**, and **30.5758, 19.6564, 44.3020** is the 20% darker color. If you saturate the color by 10%, you get **56.7143, 36.6471, 80.8572**, and if you desaturate by 10%, it is **64.0910, 50.7448, 85.3377**.

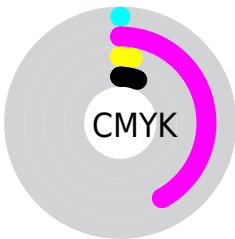
Distribution



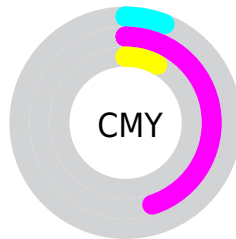
- Red (94%)
- Green (55%)
- Blue (92%)



- Red (94%)
- Yellow (55%)
- Blue (92%)



- Cyan (0%)
- Magenta (42%)
- Yellow (3%)
- Black (6%)





- Cyan (6%)
- Magenta (45%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0191, 42.9310, 82.9651 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 60.0191, 42.9310, 82.9651 by changing the saturation by 10% instead.


 60.0191, 42.9310,
82.9651


 60.0191, 42.9310,
82.9651


414.5018,
358.3279, 524.8382

 43.6835, 29.8310,
61.6209


 103.9636, 79.6067,
139.3754

 30.6186, 19.7103,
44.2927

 132.3032,
103.9512, 175.2785

 20.4590, 12.1847,
30.5618


 165.3749,
132.8127, 216.8718

 12.8394, 6.8696,
20.0097

203.5440,
166.5755, 264.5737

 7.3943, 3.3807,
12.2180

247.1759,
205.6240, 318.8027

 3.7584, 1.3335,
6.7680

296.6359,

 1.5664, 0.1670,

250.3426, 379.9774

3.2412

352.2894,
301.1158, 448.5164

■ 0.3703, 0.0000,
1.2191

■ 0.0000, 0.0000,
0.0000

■ 60.0191, 42.9310,
82.9651

■ 60.0191, 42.9310,
82.9651

■ 56.7143, 36.6471,
80.8572

■ 64.0910, 50.7448,
85.3377

■ 54.1221, 31.7865,
78.9945


■ 68.9718, 60.1745,
87.9877


■ 52.1872, 28.2381,
77.3590


■ 74.7051, 71.3065,
90.9300


■ 50.8446, 25.8716,
75.9290


■ 81.3301, 84.2194,
94.1777


 50.0160, 24.5304,
74.6784


 87.5924, 96.4042,
97.3127

 49.6278, 24.0024,
73.7832

 87.8065, 96.4898,
98.4399

 88.0222, 96.5761,
99.5759

 88.2396, 96.6631,
100.7207

 88.4587, 96.7507,
101.8744

Harmonies

Analogous

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



50.9353, 42.9310, 116.0580



60.0191, 42.9310, 82.9651



63.8602, 42.9310, 48.2955

Triad

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



60.0191, 42.9310, 82.9651



41.3426, 42.9310, 9.9685



25.8061, 42.9310, 79.1305

Complementary

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



60.0191, 42.9310, 82.9651



46.9202, 69.8550, 37.8010

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.



24.0969, 42.9310, 45.2272



60.0191, 42.9310, 82.9651



32.1150, 42.9310, 12.5963

Square

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



60.0191, 42.9310, 82.9651



52.0185, 42.9310, 13.2473



26.2028, 42.9310, 22.9812



31.3306, 42.9310, 113.2677

Rectangle

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



60.0191, 42.9310, 82.9651



62.5143, 42.9310, 31.0581



26.2028, 42.9310, 22.9812



24.8117, 42.9310, 66.9833

Sweetspot

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



60.0205, 42.9329, 82.9660



85.0559, 80.5167, 104.0122



36.4731, 30.6925, 86.4412



17.8797, 16.6006, 22.0981



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.



60.0205, 42.9329, 82.9660



65.7482, 43.3099, 93.2339



53.8685, 40.4721, 50.5699



16.4113, 16.0142, 19.7223



27.1845, 13.1462, 40.4835



2.2737, 1.0985, 3.4323

Inverse Universe

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



60.0205, 42.9329, 82.9660



65.7482, 43.3099, 93.2339



51.6088, 71.7305, 62.4907



16.4113, 16.0142, 19.7223



27.1845, 13.1462, 40.4835



2.2737, 1.0985, 3.4323

Previews

White Background



This preview shows how the XYZ color 60.0191, 42.9310, 82.9651 looks on a white background.

Color Contrast Check

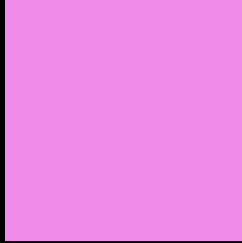
Large Text (above 18pt) WCAG AA × Fail

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 60.0191, 42.9310, 82.9651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

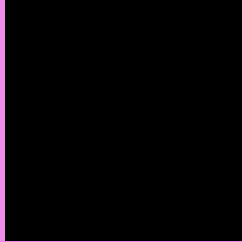
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0191, 42.9310, 82.9651

Background



This preview shows how black text looks on a background with the XYZ color 60.0191, 42.9310, 82.9651.



This preview shows how white text looks on a background with the XYZ color 60.0191, 42.9310,

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

60.0191, 42.9310, 82.9651

Protanopia

45.2063, 43.4030, 100.6027

Deuteranopia

44.0660, 42.9990, 79.3759



Tritanopia

51.3021, 42.8167, 41.1579

Trichromacy



Original Color

60.0191, 42.9310, 82.9651



Protanomaly

48.5894, 42.0289, 93.5471



Deuteranomaly

48.5920, 42.0613, 80.4205



Tritanomaly

53.9734, 42.7050, 54.1134

Monochromacy



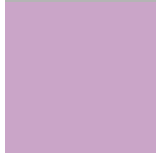
Original Color

60.0191, 42.9310, 82.9651



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

48.2376, 43.6370, 60.5240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0191, 42.9310, 82.9651 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(240, 139, 234)` looks like.

```
.text, #text, p{  
    color:rgb(240, 139, 234)  
}
```

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(240, 139, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 139, 234) }
```

Border

The CSS property to change the border of an element to XYZ 60.0191, 42.9310, 82.9651 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(240, 139, 234) }
```


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

```
.border{ border-color:rgb(240, 139, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 139, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 139, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 139, 234);  
box-shadow:4px 4px 4px 4px rgb(240, 139,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0191, 42.9310, 82.9651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 139, 234) }
```

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

```
.background{ background-color: rgb(240,  
139, 234) }
```

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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