

Converting Colors

XYZ(60.1081, 40.0521, 84.3293)

Have a look what the booklet for
XYZ(60.1081, 40.0521, 84.3293)
contains.

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Color

**XYZ(60.2759, 40.1941,
84.7021)**

Conversions

Conversions Part 1

Format	Color
Hex	F57DED
RGB	245, 125, 237
RGB Percent	96%, 49%, 93%
CMY	0.0392, 0.5098, 0.0706
CMYK	0.00, 0.49, 0.03, 0.04
HSL	304°, 86%, 73%
HSV	304°, 49%, 96%
XYZ	60.2759, 40.1941, 84.7021
YIQ	173.6480, 35.5680, 60.2720

Conversions

Conversions Part 2

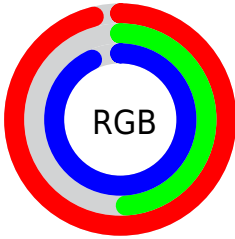
Format	Color
R _Y B	245, 125, 237
Decimal	16088557
CIE Lab	69.61, 60.58, -36.34
CIE LCh	70, 70.641, 329.040
Yxy	40.1941, 0.3255, 0.2171
Android (android.graphics.Color)	4294278637 (0xFF57DED)
YUV	173.6480, 31.2325, 62.5757
Hunter-Lab	63.3988, 58.7595, -34.8335

Details

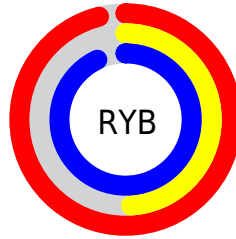
The XYZ color **60.2759, 40.1941, 84.7021** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **45.3453, 71.3598, 33.5766**, and the grayscale version is **39.8853, 41.9624, 45.6971**.

A 20% lighter version of the original color is **75.8139, 61.5277, 102.4880**, and **30.7183, 18.0315, 45.5775** is the 20% darker color. If you saturate the color by 10%, you get **57.3111, 34.6438, 82.5419**, and if you desaturate by 10%, it is **64.0104, 47.2785, 87.1303**.

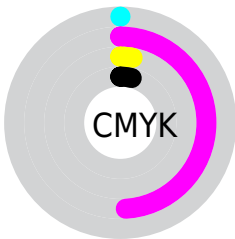
Distribution



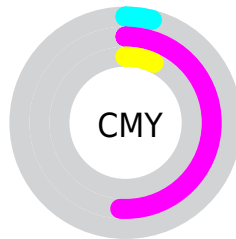
- Red (96%)
- Green (49%)
- Blue (93%)



- Red (96%)
- Yellow (49%)
- Blue (93%)



- Cyan (0%)
- Magenta (49%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (51%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2759, 40.1941, 84.7021 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 60.2759, 40.1941, 84.7021 by changing the saturation by 10% instead.


 60.2759, 40.1941,
84.7021


 60.2759, 40.1941,
84.7021


415.4324,
346.9410, 530.7607

 43.8914, 27.6899,
63.0465


 104.3339, 75.4590,
141.8274

 30.7827, 18.0920,
45.4376


 132.7380, 98.9885,
178.1341

 20.5844, 11.0161,
31.4568


 165.8794,
126.9619, 220.1617

 12.9313, 6.0777,
20.6856

204.1234,
159.7635, 268.3286

 7.4579, 2.8924,
12.7054

247.8353,
197.7779, 323.0534

 3.7990, 1.0758,
7.0976

297.3806,

 1.5890, 0.0000,

241.3893, 384.7547

3.4439

353.1245,
290.9822, 453.8509

■ 0.3852, 0.0000,
1.3255

■ 0.0000, 0.0000,
0.0826

■ 60.2759, 40.1941,
84.7021

■ 60.2759, 40.1941,
84.7021

■ 57.3111, 34.6438,
82.5419

■ 64.0104, 47.2785,
87.1303

■ 55.0546, 30.5076,
80.6282

■ 68.5620, 55.9944,
89.8413

■ 53.4425, 27.6567,
78.9399

■ 73.9790, 66.4376,
92.8515

■ 52.3973, 25.9363,
77.4513

■ 80.3048, 78.6950,
96.1754

51.8035, 25.1150,
76.1237

87.5798, 92.8474,
99.8266

51.7530, 25.0513,
75.9920

90.1747, 97.6360,
101.9287

90.4278, 97.7372,
103.2610

90.6830, 97.8393,
104.6049

90.9404, 97.9422,
105.9606

Harmonies

Analogous

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



49.8743, 40.1941, 124.8948



60.2759, 40.1941, 84.7021



64.6081, 40.1941, 44.8256

Triad

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



60.2759, 40.1941, 84.7021



38.5720, 40.1941, 6.2060



22.0524, 40.1941, 81.9022

Complementary

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



60.2759, 40.1941, 84.7021



45.3453, 71.3598, 33.5766

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.



20.1968, 40.1941, 42.7204



60.2759, 40.1941, 84.7021



28.5118, 40.1941, 8.6086

Square

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



60.2759, 40.1941, 84.7021



50.6385, 40.1941, 8.9695



22.3081, 40.1941, 18.7446



27.9912, 40.1941, 122.7890

Rectangle

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



60.2759, 40.1941, 84.7021



62.9234, 40.1941, 26.2993



22.3081, 40.1941, 18.7446



20.9898, 40.1941, 67.6311

Sweetspot

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



60.2773, 40.1959, 84.7029



83.6305, 77.8137, 103.0812



33.4898, 26.2484, 89.6888



17.5969, 16.0678, 21.9024



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.



60.2773, 40.1959, 84.7029



62.7225, 37.8624, 90.3633



52.9273, 37.2559, 45.9986



17.1631, 16.7481, 20.6056



27.9006, 13.5037, 41.0466



2.4663, 1.1925, 3.6820

Inverse Universe

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



60.2773, 40.1959, 84.7029



62.7225, 37.8624, 90.3633



50.7372, 73.5166, 61.9701



17.1631, 16.7481, 20.6056



27.9006, 13.5037, 41.0466



2.4663, 1.1925, 3.6820

Previews

White Background



This preview shows how the XYZ color 60.2759, 40.1941, 84.7021 looks on a white background.

Color Contrast Check

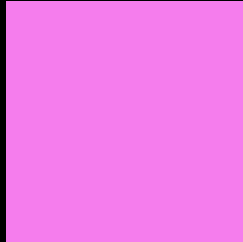
Large Text (above 18pt) WCAG AA × Fail

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 60.2759, 40.1941, 84.7021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

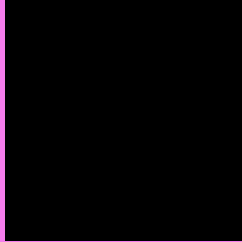
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2759, 40.1941, 84.7021

Background



This preview shows how black text looks on a background with the XYZ color 60.2759, 40.1941, 84.7021.



This preview shows how white text looks on a background with the XYZ color 60.2759, 40.1941,

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

60.2759, 40.1941, 84.7021

Protanopia

42.8678, 40.8007, 100.2237

Deuteranopia

41.4719, 40.5324, 79.7665



Tritanopia

50.1506, 39.9752, 36.0831

Trichromacy



Original Color

60.2759, 40.1941, 84.7021



Protanomaly

46.5316, 38.6988, 93.8241



Deuteranomaly

46.2872, 38.8475, 81.4026



Tritanomaly

53.2992, 39.7448, 50.7613

Monochromacy



Original Color

60.2759, 40.1941, 84.7021



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

45.7859, 40.0875, 58.1478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2759, 40.1941, 84.7021 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(245, 125, 237)` looks like.

```
.text, #text, p{  
    color:rgb(245, 125, 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(245, 125, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 125, 237) }
```

Border

The CSS property to change the border of an element to XYZ 60.2759, 40.1941, 84.7021 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(245, 125, 237) }
```


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

```
.border{ border-color:rgb(245, 125, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 125, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 125, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 125, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 125,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2759, 40.1941, 84.7021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 125, 237) }
```

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

```
.background{ background-color: rgb(245,  
125, 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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