

Converting Colors

XYZ(60.6407, 41.8031, 64.6847)

Have a look what the booklet for
XYZ(60.6407, 41.8031, 64.6847)
contains.

XYZ(60.6078, 41.7793, 64.5443)	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(60.6078, 41.7793,
64.5443)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82D0
RGB	255, 130, 208
RGB Percent	100%, 51%, 82%
CMY	0.0000, 0.4902, 0.1843
CMYK	0.00, 0.49, 0.18, 0.00
HSL	323°, 100%, 75%
HSV	323°, 49%, 100%
XYZ	60.6078, 41.7793, 64.5443
YIQ	176.2670, 49.4620, 50.7580

Conversions

Conversions Part 2

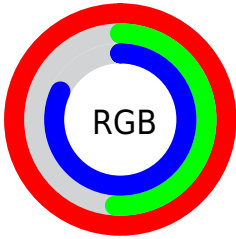
Format	Color
R _Y B	255, 130, 208
Decimal	16745168
CIE Lab	70.72, 56.57, -18.49
CIE LCh	71, 59.521, 341.899
Yxy	41.7793, 0.3631, 0.2503
Android (android.graphics.Color)	4294935248 (0xFFFF82D0)
YUV	176.2670, 15.6444, 69.0488
Hunter-Lab	64.6369, 54.2587, -13.9592

Details

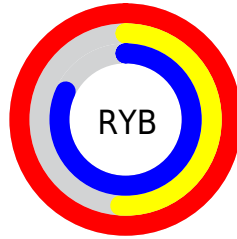
The XYZ color **60.6078, 41.7793, 64.5443** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **52.9034, 79.4409, 54.1435**, and the grayscale version is **41.3101, 43.4615, 47.3295**.

A 20% lighter version of the original color is **76.8489, 63.5978, 102.8330**, and **31.1138, 19.1010, 32.6188** is the 20% darker color. If you saturate the color by 10%, you get **56.4822, 35.3592, 57.5239**, and if you desaturate by 10%, it is **65.6470, 49.9122, 72.2221**.

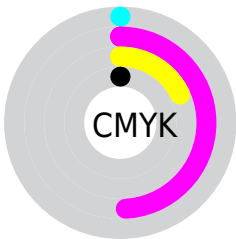
Distribution



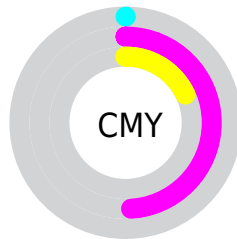
- Red (100%)
- Green (51%)
- Blue (82%)



- Red (100%)
- Yellow (51%)
- Blue (82%)



- Cyan (0%)
- Magenta (49%)
- Yellow (18%)
- Black (0%)




- Cyan (0%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6078, 41.7793, 64.5443 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 60.6078, 41.7793, 64.5443 by changing the saturation by 10% instead.


 60.6078, 41.7793,
64.5443


 60.6078, 41.7793,
64.5443


416.6334,
353.5672, 459.4139


 44.1601, 28.9285,
46.6427

 104.8122, 77.8655,
113.0014

 30.9948, 19.0268,
32.4009


 133.2996,
101.8697, 144.3940

 20.7467, 11.6896,
21.4006


 166.5308,
130.3605, 181.1207

 13.0504, 6.5327,
13.2230

204.8714,
163.7223, 223.6000

 7.5405, 3.1716,
7.4498

248.6866,
202.3395, 272.2504

 3.8517, 1.2220,
3.6623

298.3417,

 1.6186, 0.0795,

246.5964, 327.4905

1.4420

354.2022,
296.8775, 389.7388

■ 0.4045, 0.0000,
0.1741

■ 0.0000, 0.0000,
0.0000

■ 60.6078, 41.7793,
64.5443

■ 60.6078, 41.7793,
64.5443

■ 56.4822, 35.3592,
57.5239

■ 65.6470, 49.9122,
72.2221

■ 53.2027, 30.5194,
51.1307

■ 71.6549, 59.8663,
80.5803

■ 50.6969, 27.1169,
45.3349

■ 78.6854, 71.7477,
89.6430

■ 48.8778, 24.9798,
40.1009

■ 86.7875, 85.6526,
99.4325

■ 47.6175, 23.8545, 95.0500, 100.0000,
35.3794 108.9000

■ 47.5081, 23.7672,
34.9374

Harmonies

Analogous

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



53.7732, 41.7793, 99.0945



60.6078, 41.7793, 64.5443



61.3148, 41.7793, 35.1834

Triad

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



60.6078, 41.7793, 64.5443



35.9258, 41.7793, 10.3489



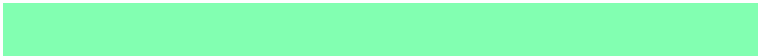
27.1976, 41.7793, 92.2720

Complementary

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



60.6078, 41.7793, 64.5443



52.9034, 79.4409, 54.1435

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.



23.8897, 41.7793, 57.6365



60.6078, 41.7793, 64.5443



28.3410, 41.7793, 15.8512

Square

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



60.6078, 41.7793, 64.5443



45.9003, 41.7793, 10.9263



24.2704, 41.7793, 30.6125



34.1028, 41.7793, 119.1345

Rectangle

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



60.6078, 41.7793, 64.5443



58.0905, 41.7793, 22.3981



24.2704, 41.7793, 30.6125



25.6840, 41.7793, 80.6610

Sweetspot

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



60.6088, 41.7812, 64.5451



81.8085, 77.0850, 93.4869



43.9013, 32.3982, 98.5474



17.1549, 15.8910, 19.5751



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.



60.6088, 41.7812, 64.5451



56.4884, 35.3687, 57.5352



54.4643, 39.3234, 32.1888



18.4861, 18.1777, 21.1768



24.8989, 12.4488, 18.6497



2.4774, 1.2333, 2.0953

Inverse Universe

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



60.6088, 41.7812, 64.5451



56.4884, 35.3687, 57.5352



60.4487, 82.4591, 93.8768



18.4861, 18.1777, 21.1768



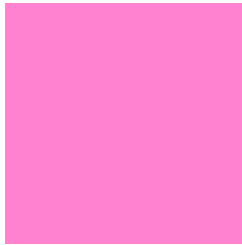
24.8989, 12.4488, 18.6497



2.4774, 1.2333, 2.0953

Previews

White Background



This preview shows how the XYZ color 60.6078, 41.7793, 64.5443 looks on a white background.

Color Contrast Check

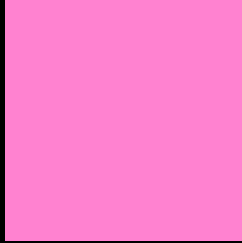
Large Text (above 18pt) WCAG AA × Fail

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 60.6078, 41.7793, 64.5443 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 60.6078, 41.7793, 64.5443

Background



This preview shows how black text looks on a background with the XYZ color 60.6078, 41.7793, 64.5443.



This preview shows how white text looks on a background with the XYZ color 60.6078, 41.7793,

64.5443.

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

60.6078, 41.7793, 64.5443

Protanopia

43.1754, 42.1103, 85.9733

Deuteranopia

42.8620, 41.9401, 61.0945



Tritanopia

54.4074, 41.7527, 34.8973

Trichromacy



Original Color

60.6078, 41.7793, 64.5443



Protanomaly

47.1018, 40.3443, 77.2562



Deuteranomaly

47.7973, 40.7815, 62.4792



Tritanomaly

56.3185, 41.6647, 44.1035

Monochromacy



Original Color

60.6078, 41.7793, 64.5443



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

46.6521, 41.4063, 53.1103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6078, 41.7793, 64.5443 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(255, 130, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 208)  
}
```

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(255, 130, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 208) }
```

Border

The CSS property to change the border of an element to XYZ 60.6078, 41.7793, 64.5443 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(255, 130, 208) }
```


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

```
.border{ border-color:rgb(255, 130, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6078, 41.7793, 64.5443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 208) }
```

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

```
.background{ background-color: rgb(255,  
130, 208) }
```

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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