

Converting Colors

XYZ(51.2765, 32.8807, 65.2721)

Have a look what the booklet for
XYZ(51.2765, 32.8807, 65.2721)
contains.

XYZ(51.2765, 32.8807, 65.2721)	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(51.2765, 32.8807,
65.2721)**

Conversions

Conversions Part 1

Format	Color
Hex	EB6BD3
RGB	235, 107, 211
RGB Percent	92%, 42%, 83%
CMY	0.0784, 0.5804, 0.1725
CMYK	0.00, 0.54, 0.10, 0.08
HSL	311°, 76%, 67%
HSV	311°, 54%, 92%
XYZ	51.2765, 32.8807, 65.2721
YIQ	157.1280, 42.9040, 59.4800

Conversions

Conversions Part 2

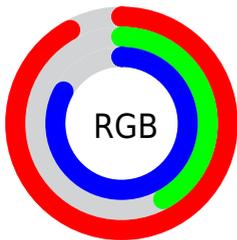
Format	Color
R _Y B	235, 107, 211
Decimal	15428563
CIE Lab	64.06, 61.93, -30.60
CIE LCh	64, 69.074, 333.709
Yxy	32.8807, 0.3431, 0.2200
Android (android.graphics.Color)	4293618643 (0xFFEB6BD3)
YUV	157.1280, 26.5589, 68.2937
Hunter-Lab	57.3417, 59.2716, -27.3507

Details

The XYZ color **51.2765, 32.8807, 65.2721** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **39.8700, 64.1823, 31.7622**, and the grayscale version is **31.9774, 33.6427, 36.6369**.

A 20% lighter version of the original color is **72.3872, 54.6744, 101.3457**, and **25.0036, 13.8270, 32.8035** is the 20% darker color. If you saturate the color by 10%, you get **48.6063, 28.4118, 61.6939**, and if you desaturate by 10%, it is **54.6296, 38.6899, 69.1533**.

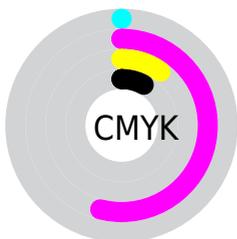
Distribution



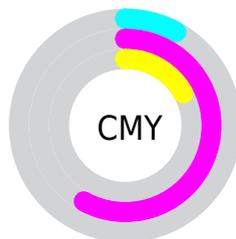
- Red (92%)
- Green (42%)
- Blue (83%)



- Red (92%)
- Yellow (42%)
- Blue (83%)



- Cyan (0%)
- Magenta (54%)
- Yellow (10%)
- Black (8%)



- Cyan (8%)
- Magenta (58%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2765, 32.8807, 65.2721 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 51.2765, 32.8807, 65.2721 by changing the saturation by 10% instead.

 51.2765, 32.8807,
65.2721

 51.2765, 32.8807,
65.2721

382.0071,
315.1118, 462.1021

 36.6506, 22.0351,
47.2290

 91.2439, 64.1892,
114.0580

 25.1095, 13.8827,
32.8611

 117.3162, 85.4209,
145.6379

 16.2879, 8.0391,
21.7498

 147.9346,
110.8834, 182.5671

 9.8202, 4.1200,
13.4766

 183.4646,
140.9611, 225.2641

 5.3413, 1.7409,
7.6230

224.2715,
176.0384, 274.1476

 2.4857, 0.4499,
3.7704

270.7206,

 0.8880, 0.0000,

216.4997, 329.6361

1.5002

323.1774,
262.7294, 392.1481

■ 0.0000, 0.0000,
0.2181

■ 0.0000, 0.0000,
0.0000

■ 51.2765, 32.8807,
65.2721

■ 51.2765, 32.8807,
65.2721

■ 48.6063, 28.4118,
61.6939

■ 54.6296, 38.6899,
69.1533

■ 46.5604, 25.1679,
58.3976

■ 58.7116, 45.9332,
73.3524

■ 45.0754, 23.0221,
55.3618

■ 63.5681, 54.7009,
77.8856

■ 44.0728, 21.8173,
52.5598

■ 69.2403, 65.0751,
82.7672

 43.6582, 21.4211,
51.0869

 75.7661, 77.1316,
88.0103

 83.1812, 90.9416,
93.6274

 86.0252, 95.5839,
97.7989

 86.6946, 95.8517,
101.3242

 87.3802, 96.1259,
104.9341

Harmonies

Analogous

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



42.8664, 32.8807, 101.7013



51.2765, 32.8807, 65.2721



53.9680, 32.8807, 32.4362

Triad

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



51.2765, 32.8807, 65.2721



30.0538, 32.8807, 4.4929



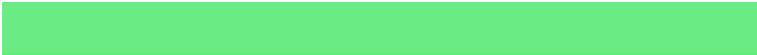
18.0964, 32.8807, 74.6777

Complementary

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



51.2765, 32.8807, 65.2721



39.8700, 64.1823, 31.7622

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.



16.0169, 32.8807, 39.3919



51.2765, 32.8807, 65.2721



21.9516, 32.8807, 7.1214

Square

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



51.2765, 32.8807, 65.2721



40.3227, 32.8807, 6.0012



17.2661, 32.8807, 16.8829



23.6553, 32.8807, 108.8353

Rectangle

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



51.2765, 32.8807, 65.2721



51.7752, 32.8807, 18.2479



17.2661, 32.8807, 16.8829



17.0266, 32.8807, 62.0510

Sweetspot

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



51.2776, 32.8822, 65.2728



82.1797, 76.1914, 98.6539



29.5324, 21.2982, 81.1524



17.2772, 15.7348, 20.8515



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.



51.2776, 32.8822, 65.2728



58.2769, 33.8239, 73.9214



44.8284, 30.3026, 31.3119



15.5866, 15.2625, 18.3744



24.3422, 11.9396, 28.6671



1.9427, 0.9501, 2.4157

Inverse Universe

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



51.2776, 32.8822, 65.2728



58.2769, 33.8239, 73.9214



45.5632, 66.4596, 61.7423



15.5866, 15.2625, 18.3744



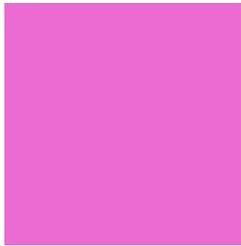
24.3422, 11.9396, 28.6671



1.9427, 0.9501, 2.4157

Previews

White Background



This preview shows how the XYZ color 51.2765, 32.8807, 65.2721 looks on a white background.

Color Contrast Check

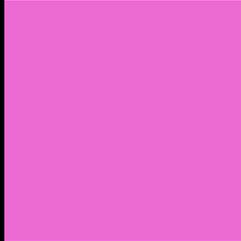
Large Text (above 18pt) WCAG AA × Fail

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 51.2765, 32.8807, 65.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

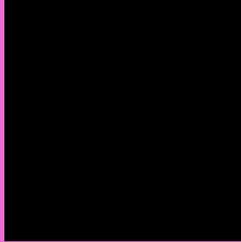
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2765, 32.8807, 65.2721

Background



This preview shows how black text looks on a background with the XYZ color 51.2765, 32.8807, 65.2721.



This preview shows how white text looks on a background with the XYZ color 51.2765, 32.8807,

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

51.2765, 32.8807, 65.2721

Protanopia

35.9423, 33.4817, 93.3752

Deuteranopia

33.8478, 33.1140, 61.1076



Tritanopia

43.3853, 32.7474, 26.9559

Trichromacy



Original Color

51.2765, 32.8807, 65.2721



Protanomaly

38.4975, 31.1835, 82.5872



Deuteranomaly

38.3048, 31.5295, 62.4594



Tritanomaly

45.7224, 32.4242, 38.4990

Monochromacy



Original Color

51.2765, 32.8807, 65.2721



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

37.1760, 31.9539, 45.8033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2765, 32.8807, 65.2721 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(235, 107, 211)` looks like.

```
.text, #text, p{  
    color:rgb(235, 107, 211)  
}
```

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(235, 107, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 107, 211) }
```

Border

The CSS property to change the border of an element to XYZ 51.2765, 32.8807, 65.2721 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(235, 107, 211) }
```


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

```
.border{ border-color:rgb(235, 107, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 107, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 107, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 107, 211);  
box-shadow:4px 4px 4px 4px rgb(235, 107,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2765, 32.8807, 65.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 107, 211) }
```

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

```
.background{ background-color: rgb(235,  
107, 211) }
```

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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