

Converting Colors

XYZ(60.5433, 32.7229, 92.0448)

Have a look what the booklet for
XYZ(60.5433, 32.7229, 92.0448)
contains.

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Color

**XYZ(60.5006, 32.6720,
91.9245)**

Conversions

Conversions Part 1

Format	Color
Hex	FF48F8
RGB	255, 72, 248
RGB Percent	100%, 28%, 97%
CMY	0.0000, 0.7176, 0.0274
CMYK	0.00, 0.72, 0.03, 0.00
HSL	302°, 100%, 64%
HSV	302°, 72%, 100%
XYZ	60.5006, 32.6720, 91.9245
YIQ	146.7810, 52.5720, 93.5320

Conversions

Conversions Part 2

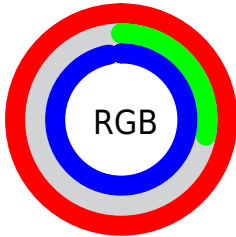
Format	Color
R _Y B	255, 72, 248
Decimal	16730360
CIE Lab	63.89, 85.73, -51.28
CIE LCh	64, 99.899, 329.117
Yxy	32.6720, 0.3269, 0.1765
Android (android.graphics.Color)	4294920440 (0xFFFF48F8)
YUV	146.7810, 49.9010, 94.9081
Hunter-Lab	57.1594, 88.9050, -55.3393

Details

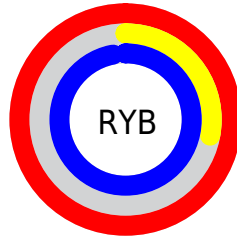
The XYZ color **60.5006, 32.6720, 91.9245** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **39.8448, 73.4627, 19.4785**, and the grayscale version is **27.4301, 28.8586, 31.4271**.

A 20% lighter version of the original color is **68.0942, 46.0883, 99.9147**, and **31.6521, 15.2309, 50.5618** is the 20% darker color. If you saturate the color by 10%, you get **59.0294, 29.9710, 90.6898**, and if you desaturate by 10%, it is **62.6570, 36.7418, 93.3923**.

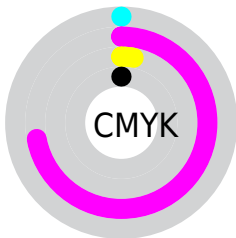
Distribution



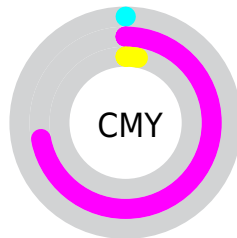
- Red (100%)
- Green (28%)
- Blue (97%)



- Red (100%)
- Yellow (28%)
- Blue (97%)



- Cyan (0%)
- Magenta (72%)
- Yellow (3%)
- Black (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5006, 32.6720, 91.9245 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 60.5006, 32.6720, 91.9245 by changing the saturation by 10% instead.


 60.5006, 32.6720,
91.9245


 60.5006, 32.6720,
91.9245

416.2457,
314.1692, 555.0023


 44.0733, 21.8753,
68.9952


 104.6577, 63.8631,
151.9675


 30.9263, 13.7653,
50.2361


 133.1182, 85.0263,
189.9184

 20.6943, 7.9576,
35.2285


 166.3205,
110.4138, 233.7135

 13.0119, 4.0678,
23.5540

 204.6299,
140.4099, 283.7715

 7.5138, 1.7116,
14.7940

248.4117,
175.3991, 340.5108

 3.8346, 0.4311,
8.5299

298.0314,

 1.6090, 0.0000,

215.7658, 404.3500

4.3433

353.8543,
261.8943, 475.7077

■ 0.3983, 0.0000,
1.8155

■ 0.0000, 0.0000,
0.4381

■ 60.5006, 32.6720,
91.9245

■ 60.5006, 32.6720,
91.9245

■ 59.0294, 29.9710,
90.6898

■ 62.6570, 36.7418,
93.3923

■ 58.1505, 28.4535,
89.6560

■ 65.5718, 42.3272,
95.1164

■ 57.7590, 27.8676,
88.9181

■ 69.3110, 49.5603,
97.1192

■ 73.9330, 58.5577,
99.4202

■ 79.4909, 69.4256,
102.0370

■ 86.0335, 82.2617,
104.9860

■ 93.6064, 97.1570,
108.2824

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



46.1477, 32.6720, 155.0787



60.5006, 32.6720, 91.9245



66.6712, 32.6720, 36.7802

Triad

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



60.5006, 32.6720, 91.9245



31.4720, 32.6720, 0.7184



12.9219, 32.6720, 88.0896

Complementary

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



60.5006, 32.6720, 91.9245



39.8448, 73.4627, 19.4785

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.



11.1119, 32.6720, 34.3950



60.5006, 32.6720, 91.9245



19.6723, 32.6720, 1.7502

Square

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



60.5006, 32.6720, 91.9245



47.0933, 32.6720, 1.9153



13.1554, 32.6720, 8.8005



19.1451, 32.6720, 151.9181

Rectangle

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



60.5006, 32.6720, 91.9245



64.2267, 32.6720, 15.7702



13.1554, 32.6720, 8.8005



11.8785, 32.6720, 67.4191

Sweetspot

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



60.5013, 32.6732, 91.9251



79.3468, 69.1434, 101.9707



23.5188, 13.4802, 95.9701



16.6418, 14.1307, 21.6676



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.



60.5013, 32.6732, 91.9251



58.5904, 29.1951, 90.2290



49.6784, 28.3441, 34.9324



18.7609, 18.2877, 22.6239



30.1937, 14.5668, 46.5317



2.9489, 1.4219, 4.5780

Inverse Universe

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



60.5013, 32.6732, 91.9251



58.5904, 29.1951, 90.2290



45.6515, 75.7854, 50.0562



18.7609, 18.2877, 22.6239



30.1937, 14.5668, 46.5317



2.9489, 1.4219, 4.5780

Previews

White Background



This preview shows how the XYZ color 60.5006, 32.6720, 91.9245 looks on a white background.

Color Contrast Check

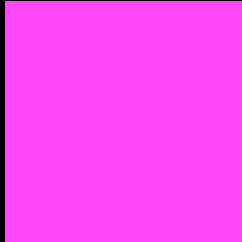
Large Text (above 18pt) WCAG AA × Fail

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 60.5006, 32.6720, 91.9245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

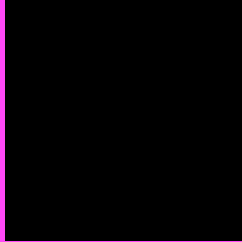
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5006, 32.6720, 91.9245

Background



This preview shows how black text looks on a background with the XYZ color 60.5006, 32.6720, 91.9245.



This preview shows how white text looks on a background with the XYZ color 60.5006, 32.6720,

91.9245.

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

60.5006, 32.6720, 91.9245

Protanopia

35.8338, 33.0560, 99.0995

Deuteranopia

33.7535, 32.8224, 83.1536



Tritanopia

45.9815, 32.3923, 22.5677

Trichromacy



Original Color

60.5006, 32.6720, 91.9245



Protanomaly

39.7579, 28.9807, 95.5938



Deuteranomaly

38.8722, 28.9221, 85.9718



Tritanomaly

49.5358, 31.3437, 40.4849

Monochromacy



Original Color

60.5006, 32.6720, 91.9245



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

35.6179, 27.3327, 48.7459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5006, 32.6720, 91.9245 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, 72, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 72, 248)  
}
```

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, 72, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 72, 248) }
```

Border

The CSS property to change the border of an element to XYZ 60.5006, 32.6720, 91.9245 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, 72, 248) }
```


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

```
.border{ border-color:rgb(255, 72, 248) }
```

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

Here you see how a box with a 4 pixel rgb(255, 72, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 72, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 72, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 72,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5006, 32.6720, 91.9245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 72, 248) }
```

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

```
.background{ background-color: rgb(255, 72,  
248) }
```

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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