

Converting Colors

XYZ(61.2444, 32.3889, 97.6315)

Have a look what the booklet for
XYZ(61.2444, 32.3889, 97.6315)
contains.

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Color

**XYZ(61.2382, 32.3764,
97.6294)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF42FF |
| RGB | 255, 66, 255 |
| RGB Percent | 100%, 26%, 100% |
| CMY | 0.0000, 0.7411, 0.0000 |
| CMYK | 0.00, 0.74, 0.00, 0.00 |
| HSL | 300°, 100%, 63% |
| HSV | 300°, 74%, 100% |
| XYZ | 61.2382, 32.3764, 97.6294 |
| YIQ | 144.0570, 51.9750, 98.8470 |

Conversions

Conversions Part 2

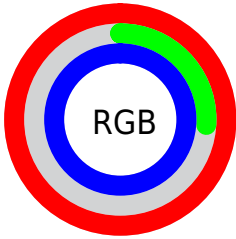
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 66, 255 |
| Decimal | 16728831 |
| CIE Lab | 63.65, 88.52, -55.53 |
| CIE LCh | 64, 104.491, 327.901 |
| Yxy | 32.3764, 0.3202, 0.1693 |
| Android (android.graphics.Color) | 4294918911 (0xFFFF42FF) |
| YUV | 144.0570, 54.6949, 97.2970 |
| Hunter-Lab | 56.9003, 92.5329, -61.8995 |

Details

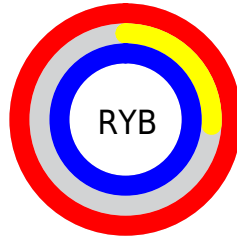
The XYZ color **61.2382, 32.3764, 97.6294** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **38.9911, 73.0720, 17.2050**, and the grayscale version is **26.3063, 27.6763, 30.1394**.

A 20% lighter version of the original color is **67.5413, 44.9825, 99.7304**, and **32.3262, 15.5006, 54.1114** is the 20% darker color. If you saturate the color by 10%, you get **60.0661, 30.0322, 97.2387**, and if you desaturate by 10%, it is **63.0748, 36.0496, 98.2416**.

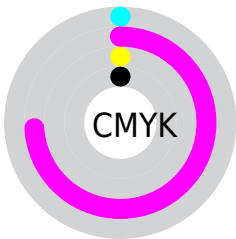
Distribution



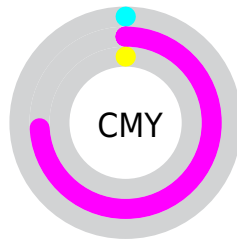
- Red (100%)
- Green (26%)
- Blue (100%)



- Red (100%)
- Yellow (26%)
- Blue (100%)



- Cyan (0%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (74%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2382, 32.3764, 97.6294 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 61.2382, 32.3764, 97.6294 by changing the saturation by 10% instead.


 61.2382, 32.3764,
97.6294

 61.2382, 32.3764,
97.6294

418.9088,
312.8303, 573.7469


 44.6707, 21.6492,
73.7164

 105.7199, 63.4007,
159.9190


 31.3983, 13.5993,
54.0666


 134.3648, 84.4666,
199.1326

 21.0556, 7.8425,
38.2614


 167.7663,
109.7474, 244.2836

 13.2774, 3.9944,
25.8822

 206.2896,
139.6276, 295.7904

 7.6981, 1.6704,
16.5106

250.3002,
174.4916, 354.0716

 3.9526, 0.4044,
9.7279

300.1633,

 1.6753, 0.0000,

214.7238, 419.5457

5.1157

356.2444,
260.7086, 492.6313

■ 0.4408, 0.0000,
2.2554

■ 0.0000, 0.0000,
0.7061

■ 61.2382, 32.3764,
97.6294

■ 61.2382, 32.3764,
97.6294

■ 60.0661, 30.0322,
97.2387

■ 63.0748, 36.0496,
98.2416


■ 59.4610, 28.8219,
97.0370


■ 65.6524, 41.2048,
99.1008


■ 59.2900, 28.4800,
96.9800

■ 69.0390, 47.9780,
100.2297

■ 73.2944, 56.4888,
101.6481

 78.4728, 66.8456,
103.3743

 84.6240, 79.1480,
105.4247

 91.7942, 93.4884,
107.8147

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.



45.8817, 32.3764, 164.9017



61.2382, 32.3764, 97.6294



68.2560, 32.3764, 38.2828

Triad

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



61.2382, 32.3764, 97.6294



31.8135, 32.3764, 0.3723



12.0220, 32.3764, 87.9035

Complementary

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



61.2382, 32.3764, 97.6294



38.9911, 73.0720, 17.2050

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.



10.3688, 32.3764, 32.3863



61.2382, 32.3764, 97.6294



19.4087, 32.3764, 1.2392

Square

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



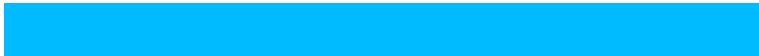
61.2382, 32.3764, 97.6294



48.2478, 32.3764, 1.5832



12.5804, 32.3764, 7.4515



18.1270, 32.3764, 156.7941

Rectangle

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



61.2382, 32.3764, 97.6294



66.0001, 32.3764, 15.8527



12.5804, 32.3764, 7.4515



11.0320, 32.3764, 66.2206

Sweetspot

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



61.2388, 32.3775, 97.6296



79.6904, 69.2808, 103.7801



22.2462, 12.2761, 95.8048



16.7244, 14.1637, 22.1023



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.



61.2388, 32.3775, 97.6296



59.7064, 29.3129, 97.1188



49.5782, 27.7133, 36.2258



18.7928, 18.3004, 22.7918



30.9803, 14.8814, 50.6741



3.0164, 1.4490, 4.9340

Inverse Universe

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



61.2388, 32.3775, 97.6296



59.7064, 29.3129, 97.1188



44.3968, 75.2343, 45.6714



18.7928, 18.3004, 22.7918



30.9803, 14.8814, 50.6741



3.0164, 1.4490, 4.9340

Previews

White Background



This preview shows how the XYZ color 61.2382, 32.3764, 97.6294 looks on a white background.

Color Contrast Check

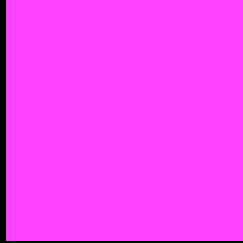
Large Text (above 18pt) WCAG AA × Fail

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 61.2382, 32.3764, 97.6294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

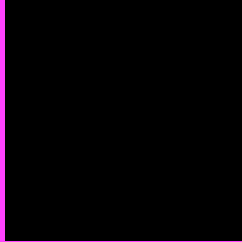
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2382, 32.3764, 97.6294

Background



This preview shows how black text looks on a background with the XYZ color 61.2382, 32.3764, 97.6294.



This preview shows how white text looks on a background with the XYZ color 61.2382, 32.3764,

97.6294.

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

61.2382, 32.3764, 97.6294

Protanopia

35.4233, 32.6044, 99.0340

Deuteranopia

33.6460, 32.6478, 88.5327



Tritanopia

45.4653, 31.9650, 22.1859

Trichromacy



Original Color

61.2382, 32.3764, 97.6294



Protanomaly

39.6668, 28.3343, 97.9861



Deuteranomaly

38.4460, 28.2115, 91.4147

Tritanomaly

49.1866, 30.8641, 41.3952

Monochromacy



Original Color

61.2382, 32.3764, 97.6294



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

34.6643, 26.1418, 48.5663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2382, 32.3764, 97.6294 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, 66, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 255)  
}
```

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, 66, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.2382, 32.3764, 97.6294 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, 66, 255) }
```


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

```
.border{ border-color:rgb(255, 66, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2382, 32.3764, 97.6294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 255) }
```

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

```
.background{ background-color: rgb(255, 66,  
255) }
```

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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