

Converting Colors

XYZ(61.2079, 32.3158, 97.6193)

Have a look what the booklet for
XYZ(61.2079, 32.3158, 97.6193)
contains.

XYZ(61.1803, 32.2606, 97.6101)	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(61.1803, 32.2606,
97.6101)**

Conversions

Conversions Part 1

Format	Color
Hex	FF41FF
RGB	255, 65, 255
RGB Percent	100%, 25%, 100%
CMY	0.0000, 0.7451, 0.0000
CMYK	0.00, 0.75, 0.00, 0.00
HSL	300°, 100%, 63%
HSV	300°, 75%, 100%
XYZ	61.1803, 32.2606, 97.6101
YIQ	143.4700, 52.2500, 99.3700

Conversions

Conversions Part 2

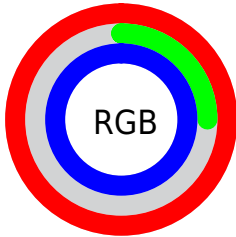
Format	Color
R _Y B	255, 65, 255
Decimal	16728575
CIE Lab	63.56, 88.79, -55.68
CIE LCh	64, 104.803, 327.910
Yxy	32.2606, 0.3202, 0.1689
Android (android.graphics.Color)	4294918655 (0xFFFF41FF)
YUV	143.4700, 54.9843, 97.8118
Hunter-Lab	56.7984, 92.8737, -62.1331

Details

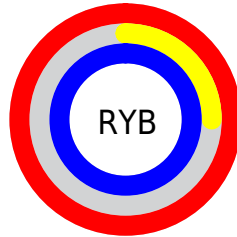
The XYZ color **61.1803, 32.2606, 97.6101** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **38.8951, 73.0259, 17.0480**, and the grayscale version is **26.0705, 27.4282, 29.8693**.

A 20% lighter version of the original color is **67.4063, 44.7126, 99.6854**, and **32.3262, 15.5006, 54.1114** is the 20% darker color. If you saturate the color by 10%, you get **60.0324, 29.9648, 97.2275**, and if you desaturate by 10%, it is **62.9893, 35.8787, 98.2131**.

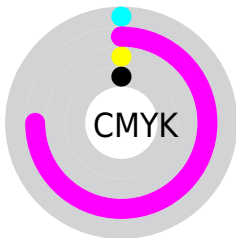
Distribution



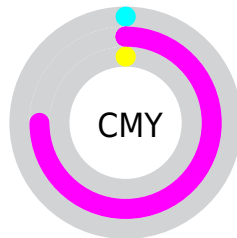
- Red (100%)
- Green (25%)
- Blue (100%)



- Red (100%)
- Yellow (25%)
- Blue (100%)



- Cyan (0%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (75%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1803, 32.2606, 97.6101 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 61.1803, 32.2606, 97.6101 by changing the saturation by 10% instead.


 61.1803, 32.2606,
97.6101


 61.1803, 32.2606,
97.6101

418.7001,
312.3047, 573.6840

 44.6238, 21.5606,
73.7004

 105.6366, 63.2194,
159.8921


 31.3612, 13.5344,
54.0536


 134.2671, 84.2470,
199.1016

 21.0272, 7.7976,
38.2510


 167.6529,
109.4860, 244.2480

 13.2565, 3.9657,
25.8742

 206.1595,
139.3207, 295.7500

 7.6836, 1.6544,
16.5047

250.1522,
174.1355, 354.0260

 3.9433, 0.3939,
9.7238

299.9962,

 1.6701, 0.0000,

214.3148, 419.4947

5.1130

356.0571,
260.2431, 492.5745

■ 0.4374, 0.0000,
2.2538

■ 0.0000, 0.0000,
0.7052

■ 61.1803, 32.2606,
97.6101

■ 61.1803, 32.2606,
97.6101

■ 60.0324, 29.9648,
97.2275

■ 62.9893, 35.8787,
98.2131

■ 59.4472, 28.7943,
97.0324

■ 65.5365, 40.9731,
99.0622

■ 59.2900, 28.4800,
96.9800

■ 68.8902, 47.6805,
100.1801

■ 73.1105, 56.1211,
101.5868

■ 78.2518, 66.4036,
103.3006

■ 84.3640, 78.6280,
105.3380

■ 91.4934, 92.8868,
107.7145

■ 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.



45.7946, 32.2606, 165.1255



61.1803, 32.2606, 97.6101



68.2116, 32.2606, 38.1448

Triad

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



61.1803, 32.2606, 97.6101



31.6994, 32.2606, 0.3390



11.9249, 32.2606, 87.8999

Complementary

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



61.1803, 32.2606, 97.6101



38.8951, 73.0259, 17.0480

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.



10.2751, 32.2606, 32.2714



61.1803, 32.2606, 97.6101



19.2960, 32.2606, 1.2039

Square

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



61.1803, 32.2606, 97.6101



48.1540, 32.2606, 1.5410



12.4794, 32.2606, 7.3657



18.0212, 32.2606, 157.0228

Rectangle

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



61.1803, 32.2606, 97.6101



65.9473, 32.2606, 15.7281



12.4794, 32.2606, 7.3657



10.9371, 32.2606, 66.1602

Sweetspot

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



61.1809, 32.2617, 97.6103



79.6904, 69.2808, 103.7801



22.1215, 12.1259, 95.7823



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.



61.1809, 32.2617, 97.6103



59.7064, 29.3129, 97.1188



49.4765, 27.5800, 35.9758



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.



61.1809, 32.2617, 97.6103



59.7064, 29.3129, 97.1188



44.2862, 75.1824, 45.4375



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 61.1803, 32.2606, 97.6101 looks on a white background.

Color Contrast Check

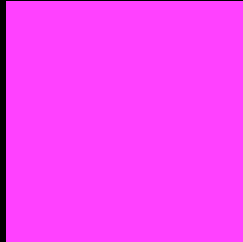
Large Text (above 18pt) WCAG AA × Fail

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 61.1803, 32.2606, 97.6101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

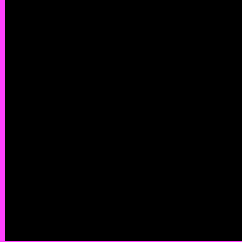
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1803, 32.2606, 97.6101

Background



This preview shows how black text looks on a background with the XYZ color 61.1803, 32.2606, 97.6101.



This preview shows how white text looks on a background with the XYZ color 61.1803, 32.2606,

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

61.1803, 32.2606, 97.6101

Protanopia

35.4233, 32.6044, 99.0340

Deuteranopia

33.5265, 32.5862, 88.5271



Tritanopia

45.4653, 31.9650, 22.1859

Trichromacy



Original Color

61.1803, 32.2606, 97.6101



Protanomaly

39.6668, 28.3343, 97.9861



Deuteranomaly

38.2452, 28.1081, 91.4053

Tritanomaly

49.0948, 30.6805, 41.3646

Monochromacy



Original Color

61.1803, 32.2606, 97.6101



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

34.5496, 25.9125, 48.5280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1803, 32.2606, 97.6101 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, 65, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 65, 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, 65, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 65, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.1803, 32.2606, 97.6101 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, 65, 255) }
```


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

```
.border{ border-color:rgb(255, 65, 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, 65, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 65, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 65, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 65,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1803, 32.2606, 97.6101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 65, 255) }
```

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

```
.background{ background-color: rgb(255, 65,  
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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