

Converting Colors

XYZ(60.8537, 31.7926, 96.9301)

Have a look what the booklet for
XYZ(60.8537, 31.7926, 96.9301)
contains.

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Color

**XYZ(60.7981, 31.7532,
96.6905)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3DFE
RGB	255, 61, 254
RGB Percent	100%, 24%, 100%
CMY	0.0000, 0.7607, 0.0039
CMYK	0.00, 0.76, 0.00, 0.00
HSL	300°, 100%, 62%
HSV	300°, 76%, 100%
XYZ	60.7981, 31.7532, 96.6905
YIQ	141.0080, 53.6710, 101.1510

Conversions

Conversions Part 2

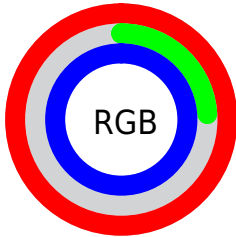
Format	Color
R _{YB}	255, 61, 254
Decimal	16727550
CIE _{Lab}	63.14, 89.70, -55.79
CIE _{LCh}	63, 105.633, 328.118
Yxy	31.7532, 0.3213, 0.1678
Android (android.graphics.Color)	4294917630 (0xFFFF3DFE)
YUV	141.0080, 55.7051, 99.9710
Hunter-Lab	56.3500, 93.9779, -62.2903

Details

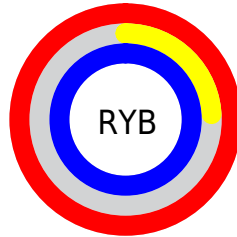
The XYZ color **60.7981, 31.7532, 96.6905** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **38.5549, 72.8603, 16.5902**, and the grayscale version is **25.0966, 26.4036, 28.7535**.

A 20% lighter version of the original color is **67.1403, 44.1805, 99.5968**, and **32.2119, 15.4549, 53.5099** is the 20% darker color. If you saturate the color by 10%, you get **59.7246, 29.6397, 96.2293**, and if you desaturate by 10%, it is **62.5192, 35.1616, 97.3684**.

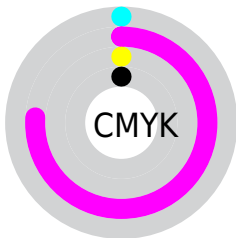
Distribution



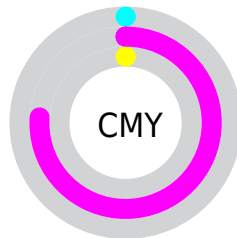
- Red (100%)
- Green (24%)
- Blue (100%)



- Red (100%)
- Yellow (24%)
- Blue (100%)



- Cyan (0%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7981, 31.7532, 96.6905 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 60.7981, 31.7532, 96.6905 by changing the saturation by 10% instead.


 60.7981, 31.7532,
96.6905


 60.7981, 31.7532,
96.6905

417.3211,
309.9935, 570.6849

 44.3142, 21.1731,
72.9381


 105.0863, 62.4240,
158.6136


 31.1165, 13.2506,
53.4339

 133.6213, 83.2834,
197.6215


 20.8399, 7.6013,
37.7591


 166.9040,
108.3381, 242.5516

 13.1188, 3.8409,
25.4954

 205.2999,
137.9723, 293.8225

 7.5880, 1.5850,
16.2242

 249.1741,
172.5706, 351.8528

 3.8820, 0.3474,
9.5269

298.8922,

 1.6356, 0.0000,

212.5173, 417.0609

4.9849

354.8194,
258.1968, 489.8654

■ 0.4154, 0.0000,
2.1798

■ 0.0000, 0.0000,
0.6627

■ 60.7981, 31.7532,
96.6905

■ 60.7981, 31.7532,
96.6905

■ 59.7246, 29.6397,
96.2293

■ 62.5192, 35.1616,
97.3684

■ 59.1961, 28.6163,
95.9494

■ 64.9669, 40.0232,
98.2883

■ 59.0792, 28.3957,
95.8697

■ 68.2110, 46.4778,
99.4736

■ 72.3128, 54.6475,
100.9449

77.3273, 64.6428,
102.7206

83.3052, 76.5647,
104.8174

90.2932, 90.5070,
107.2510

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.



45.4171, 31.7532, 164.7598



60.7981, 31.7532, 96.6905



67.7716, 31.7532, 37.2780

Triad

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



60.7981, 31.7532, 96.6905



31.1105, 31.7532, 0.2295



11.5907, 31.7532, 87.9061

Complementary

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



60.7981, 31.7532, 96.6905



38.5549, 72.8603, 16.5902

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.



9.9359, 31.7532, 32.0037



60.7981, 31.7532, 96.6905



18.8010, 31.7532, 1.1034

Square

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



60.7981, 31.7532, 96.6905



47.5434, 31.7532, 1.3904



12.0839, 31.7532, 7.1407



17.6617, 31.7532, 157.4058

Rectangle

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



60.7981, 31.7532, 96.6905



65.4407, 31.7532, 15.1318



12.0839, 31.7532, 7.1407



10.6061, 31.7532, 66.0400

Sweetspot

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



60.7988, 31.7544, 96.6911



79.0603, 68.0985, 103.3303



21.6444, 11.5510, 95.6965



16.4883, 13.7108, 21.9643



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.



60.7988, 31.7544, 96.6911



59.4035, 29.0140, 96.0712



49.0813, 27.0674, 34.9877



18.7885, 18.2987, 22.7691



30.8720, 14.8381, 50.1039



3.0072, 1.4452, 4.8851

Inverse Universe

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



60.7988, 31.7544, 96.6911



59.4035, 29.0140, 96.0712



43.8571, 74.9812, 44.5114



18.7885, 18.2987, 22.7691



30.8720, 14.8381, 50.1039



3.0072, 1.4452, 4.8851

Previews

White Background



This preview shows how the XYZ color 60.7981, 31.7532, 96.6905 looks on a white background.

Color Contrast Check

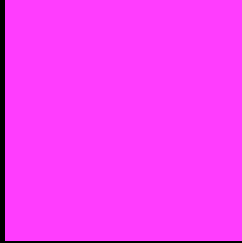
Large Text (above 18pt) WCAG AA × Fail

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 60.7981, 31.7532, 96.6905 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 60.7981, 31.7532, 96.6905

Background



This preview shows how black text looks on a background with the XYZ color 60.7981, 31.7532, 96.6905.



This preview shows how white text looks on a background with the XYZ color 60.7981, 31.7532,

96.6905.

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

60.7981, 31.7532, 96.6905

Protanopia

35.0198, 32.1585, 98.9692

Deuteranopia

32.9451, 32.0770, 86.8932



Tritanopia

45.1195, 31.4697, 21.4655

Trichromacy



Original Color

60.7981, 31.7532, 96.6905



Protanomaly

39.2264, 27.7539, 97.8973



Deuteranomaly

37.6951, 27.4991, 89.7073



Tritanomaly

48.7320, 30.1058, 40.7786

Monochromacy



Original Color

60.7981, 31.7532, 96.6905



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

33.5291, 24.9108, 47.2971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7981, 31.7532, 96.6905 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, 61, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 254)  
}
```

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, 61, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 254) }
```

Border

The CSS property to change the border of an element to XYZ 60.7981, 31.7532, 96.6905 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, 61, 254) }
```


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

```
.border{ border-color:rgb(255, 61, 254) }
```

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

Here you see how a box with a 4 pixel rgb(255, 61, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7981, 31.7532, 96.6905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 254) }
```

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

```
.background{ background-color: rgb(255, 61,  
254) }
```

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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