

Converting Colors

XYZ(91.3564, 52.1521, 99.2858)

Have a look what the booklet for
XYZ(91.3564, 52.1521, 99.2858)
contains.

XYZ(63.9796, 38.1163, 97.7510)	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(63.9796, 38.1163,
97.7510)**

Conversions

Conversions Part 1

Format	Color
Hex	FF67FE
RGB	255, 103, 254
RGB Percent	100%, 40%, 100%
CMY	0.0000, 0.5960, 0.0039
CMYK	0.00, 0.60, 0.00, 0.00
HSL	300°, 100%, 70%
HSV	300°, 60%, 100%
XYZ	63.9796, 38.1163, 97.7510
YIQ	165.6620, 42.1210, 79.1850

Conversions

Conversions Part 2

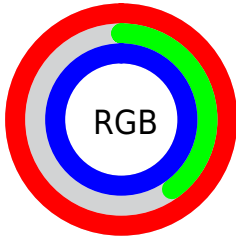
Format	Color
R _Y B	255, 103, 254
Decimal	16738302
CIE Lab	68.11, 75.67, -47.93
CIE LCh	68, 89.572, 327.652
Yxy	38.1163, 0.3201, 0.1907
Android (android.graphics.Color)	4294928382 (0xFFFF67FE)
YUV	165.6620, 43.5506, 78.3494
Hunter-Lab	61.7384, 76.9376, -50.6575

Details

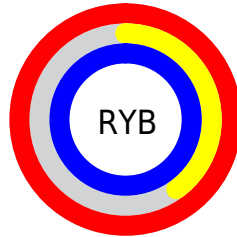
The XYZ color **63.9796, 38.1163, 97.7510** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **43.8534, 75.4036, 25.3416**, and the grayscale version is **35.8666, 37.7345, 41.0928**.

A 20% lighter version of the original color is **72.2103, 54.3207, 101.2868**, and **33.2146, 16.8951, 54.3338** is the 20% darker color. If you saturate the color by 10%, you get **61.7922, 33.7841, 96.8899**, and if you desaturate by 10%, it is **66.9419, 43.9976, 98.8714**.

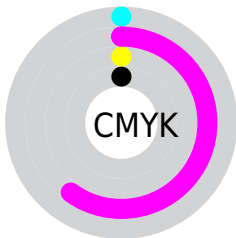
Distribution



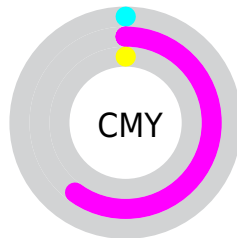
- Red (100%)
- Green (40%)
- Blue (100%)



- Red (100%)
- Yellow (40%)
- Blue (100%)



- Cyan (0%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9796, 38.1163, 97.7510 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 63.9796, 38.1163, 97.7510 by changing the saturation by 10% instead.


 63.9796, 38.1163,
97.7510


 63.9796, 38.1163,
97.7510


428.7194,
338.1186, 574.1428


 46.8958, 26.0730,
73.8173


 109.6555, 72.2864,
160.0879


 33.1609, 16.8782,
54.1486


 138.9782, 95.1819,
199.3282

 22.4095, 10.1477,
38.3265


 173.1113,
122.4636, 244.5077

 14.2764, 5.4970,
25.9324

 212.4201,
154.5158, 296.0449

 8.3962, 2.5417,
16.5478

257.2699,
191.7231, 354.3586

 4.4034, 0.8975,
9.7540

308.0262,

 1.9328, 0.0000,

234.4697, 419.8670

5.1327

365.0542,
283.1401, 492.9889

■ 0.5958, 0.0000,
2.2652

■ 0.0000, 0.0000,
0.7117

■ 63.9796, 38.1163,
97.7510

■ 63.9796, 38.1163,
97.7510

■ 61.7922, 33.7841,
96.8899

■ 66.9419, 43.9976,
98.8714

■ 60.3041, 30.8510,
96.2616

■ 70.7401, 51.5509,
100.2702

■ 59.4298, 29.1451,
95.8379

■ 75.4322, 60.8920,
101.9670

■ 59.0332, 28.3948,
95.5737

■ 81.0702, 72.1250,
103.9792

■ 59.0212, 28.3725,
95.5644

■ 87.7023, 85.3461,
106.3229

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.



50.1748, 38.1163, 153.6962



63.9796, 38.1163, 97.7510



70.2284, 38.1163, 44.7337

Triad

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



63.9796, 38.1163, 97.7510



37.3399, 38.1163, 2.3285



17.2679, 38.1163, 88.4040

Complementary

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



63.9796, 38.1163, 97.7510



43.8534, 75.4036, 25.3416

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.



15.4760, 38.1163, 38.4301



63.9796, 38.1163, 97.7510



25.1401, 38.1163, 3.8543

Square

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



63.9796, 38.1163, 97.7510



52.5801, 38.1163, 4.5374



17.9480, 38.1163, 12.4541



23.6758, 38.1163, 146.2763

Rectangle

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



63.9796, 38.1163, 97.7510



68.3155, 38.1163, 22.2769



17.9480, 38.1163, 12.4541



16.1911, 38.1163, 69.4635

Sweetspot

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



63.9805, 38.1178, 97.7518



82.0664, 74.1106, 104.3326



28.4953, 19.8060, 96.9288



17.1830, 15.1003, 22.1957



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.



63.9805, 38.1178, 97.7518



61.3750, 32.9600, 96.7191



54.2280, 34.2168, 46.3962



18.7873, 18.2982, 22.7629



30.8422, 14.8262, 49.9471



3.0046, 1.4442, 4.8716

Inverse Universe

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



63.9805, 38.1178, 97.7518



61.3750, 32.9600, 96.7191



49.4914, 77.6588, 55.0310



18.7873, 18.2982, 22.7629



30.8422, 14.8262, 49.9471



3.0046, 1.4442, 4.8716

Previews

White Background



This preview shows how the XYZ color 63.9796, 38.1163, 97.7510 looks on a white background.

Color Contrast Check

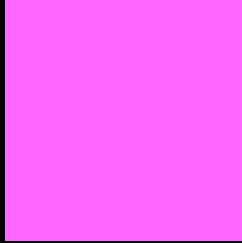
Large Text (above 18pt) WCAG AA × Fail

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 63.9796, 38.1163, 97.7510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

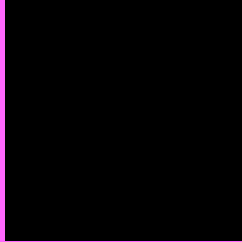
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9796, 38.1163, 97.7510

Background



This preview shows how black text looks on a background with the XYZ color 63.9796, 38.1163, 97.7510.



This preview shows how white text looks on a background with the XYZ color 63.9796, 38.1163,

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

63.9796, 38.1163, 97.7510

Protanopia

40.6629, 38.3199, 99.8611

Deuteranopia

39.4571, 38.4285, 90.9258



Tritanopia

50.1771, 37.9411, 31.0643

Trichromacy



Original Color

63.9796, 38.1163, 97.7510



Protanomaly

45.7063, 35.6169, 99.0735



Deuteranomaly

44.7477, 35.4704, 93.2950

Tritanomaly

54.0925, 37.4008, 49.7155

Monochromacy



Original Color

63.9796, 38.1163, 97.7510



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

43.3042, 35.7279, 58.0399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9796, 38.1163, 97.7510 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, 103, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 103, 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, 103, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 103, 254) }
```

Border

The CSS property to change the border of an element to XYZ 63.9796, 38.1163, 97.7510 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, 103, 254) }
```


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

```
.border{ border-color:rgb(255, 103, 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, 103, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 103, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 103, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 103,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9796, 38.1163, 97.7510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 103, 254) }
```

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

```
.background{ background-color: rgb(255,  
103, 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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