

Converting Colors

XYZ(60.5846, 34.6448, 92.5770)

Have a look what the booklet for
XYZ(60.5846, 34.6448, 92.5770)
contains.

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Color

**XYZ(60.7443, 34.7851,
92.3195)**

Conversions

Conversions Part 1

Format	Color
Hex	FC5AF8
RGB	252, 90, 248
RGB Percent	99%, 35%, 97%
CMY	0.0118, 0.6470, 0.0274
CMYK	0.00, 0.64, 0.02, 0.01
HSL	301°, 96%, 67%
HSV	301°, 64%, 99%
XYZ	60.7443, 34.7851, 92.3195
YIQ	156.4500, 45.8340, 83.4820

Conversions

Conversions Part 2

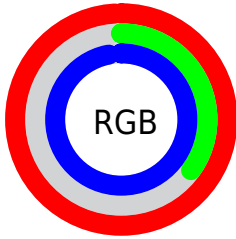
Format	Color
R _Y B	252, 90, 248
Decimal	16538360
CIE Lab	65.58, 79.04, -48.64
CIE LCh	66, 92.808, 328.394
Yxy	34.7851, 0.3234, 0.1852
Android (android.graphics.Color)	4294728440 (0xFFFC5AF8)
YUV	156.4500, 45.1342, 83.7974
Hunter-Lab	58.9789, 80.6299, -51.5212

Details

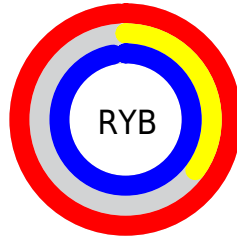
The XYZ color **60.7443, 34.7851, 92.3195** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **41.0488, 72.6041, 22.4422**, and the grayscale version is **31.5929, 33.2381, 36.1963**.

A 20% lighter version of the original color is **70.1963, 50.2927, 100.6154**, and **31.1531, 14.9898, 50.5416** is the 20% darker color. If you saturate the color by 10%, you get **58.8716, 31.1930, 91.2199**, and if you desaturate by 10%, it is **63.3400, 39.8207, 93.6622**.

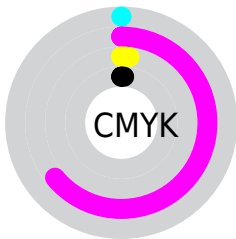
Distribution



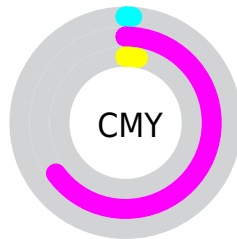
- Red (99%)
- Green (35%)
- Blue (97%)



- Red (99%)
- Yellow (35%)
- Blue (97%)



- Cyan (0%)
- Magenta (64%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (65%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7443, 34.7851, 92.3195 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 60.7443, 34.7851, 92.3195 by changing the saturation by 10% instead.


 60.7443, 34.7851,
92.3195


 60.7443, 34.7851,
92.3195


417.1267,
323.6188, 556.3112


 44.2706, 23.4974,
69.3215

 105.0088, 67.1527,
152.5197


 31.0821, 14.9612,
50.5002

 133.5304, 89.0014,
190.5589

 20.8135, 8.7922,
35.4371


 166.7986,
115.1392, 234.4491

 13.0994, 4.6059,
23.7135

 205.1787,
145.9505, 284.6085

 7.5745, 2.0179,
14.9110

249.0363,
181.8197, 341.4560

 3.8734, 0.6179,
8.6110

298.7366,

 1.6308, 0.0000,

223.1313, 405.4099

4.3950

354.6450,
270.2695, 476.8887

■ 0.4123, 0.0000,
1.8445

■ 0.0000, 0.0000,
0.4570

■ 60.7443, 34.7851,
92.3195

■ 60.7443, 34.7851,
92.3195

■ 58.8716, 31.1930,
91.2199

■ 63.3400, 39.8207,
93.6622

■ 57.6419, 28.8873,
90.3359


■ 66.7204, 46.4262,
95.2679


■ 56.9630, 27.6829,
89.6371


■ 70.9451, 54.7197,
97.1565


■ 56.7458, 27.3359,
89.2953


■ 76.0667, 64.8067,
99.3457

 82.1338, 76.7839,
101.8517

 89.1912, 90.7414,
104.6893

 93.5328, 99.2667,
106.6233

 93.6318, 99.3063,
107.1447

 93.7311, 99.3460,
107.6677

Harmonies

Analogous

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



47.1383, 34.7851, 149.5173



60.7443, 34.7851, 92.3195



66.7409, 34.7851, 40.0158

Triad

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



60.7443, 34.7851, 92.3195



33.8014, 34.7851, 1.4944



14.9663, 34.7851, 85.8824

Complementary

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



60.7443, 34.7851, 92.3195



41.0488, 72.6041, 22.4422

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.



13.1909, 34.7851, 35.8121



60.7443, 34.7851, 92.3195



22.1107, 34.7851, 2.7972

Square

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



60.7443, 34.7851, 92.3195



48.7668, 34.7851, 3.1837



15.4031, 34.7851, 10.6044



21.1529, 34.7851, 144.3291

Rectangle

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



60.7443, 34.7851, 92.3195



64.6435, 34.7851, 18.8016



15.4031, 34.7851, 10.6044



13.9233, 34.7851, 66.7995

Sweetspot

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



60.7456, 34.7867, 92.3202



81.3019, 72.8111, 103.3698



25.7124, 16.6539, 93.9560



17.0273, 14.8451, 21.9701



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.



60.7456, 34.7867, 92.3202



60.0650, 31.2636, 93.4350



50.8985, 30.8479, 40.4664



17.9734, 17.5167, 21.7159



29.5678, 14.2428, 46.5598



2.7442, 1.3214, 4.3423

Inverse Universe

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



60.7456, 34.7867, 92.3202



60.0650, 31.2636, 93.4350



46.6393, 74.8403, 51.8810



17.9734, 17.5167, 21.7159



29.5678, 14.2428, 46.5598



2.7442, 1.3214, 4.3423

Previews

White Background



This preview shows how the XYZ color 60.7443, 34.7851, 92.3195 looks on a white background.

Color Contrast Check

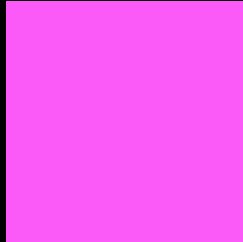
Large Text (above 18pt) WCAG AA × Fail

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 60.7443, 34.7851, 92.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

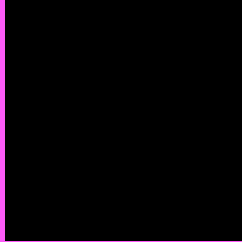
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7443, 34.7851, 92.3195

Background



This preview shows how black text looks on a background with the XYZ color 60.7443, 34.7851, 92.3195.



This preview shows how white text looks on a background with the XYZ color 60.7443, 34.7851,

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

60.7443, 34.7851, 92.3195

Protanopia

37.8527, 35.3270, 99.4315

Deuteranopia

35.9704, 34.9281, 84.9667



Tritanopia

47.0379, 34.4595, 26.3625

Trichromacy



Original Color

60.7443, 34.7851, 92.3195



Protanomaly

42.1067, 32.1282, 96.0776



Deuteranomaly

41.0593, 31.7839, 87.1899



Tritanomaly

50.8403, 33.9166, 44.4244

Monochromacy



Original Color

60.7443, 34.7851, 92.3195



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

38.9224, 31.2530, 52.1251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7443, 34.7851, 92.3195 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(252, 90, 248)` looks like.

```
.text, #text, p{  
    color:rgb(252, 90, 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(252, 90, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 90, 248) }
```

Border

The CSS property to change the border of an element to XYZ 60.7443, 34.7851, 92.3195 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(252, 90, 248) }
```


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

```
.border{ border-color:rgb(252, 90, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 90, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 90, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 90, 248);  
box-shadow:4px 4px 4px 4px rgb(252, 90,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7443, 34.7851, 92.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 90, 248) }
```

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

```
.background{ background-color: rgb(252, 90,  
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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