

Converting Colors

XYZ(50.4300, 29.2932, 61.5738)

Have a look what the booklet for
XYZ(50.4300, 29.2932, 61.5738)
contains.

XYZ(50.5095, 29.3435, 61.3942)	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(50.5095, 29.3435,
61.3942)**

Conversions

Conversions Part 1

Format	Color
Hex	F153CE
RGB	241, 83, 206
RGB Percent	95%, 33%, 81%
CMY	0.0549, 0.6745, 0.1922
CMYK	0.00, 0.66, 0.15, 0.05
HSL	313°, 85%, 64%
HSV	313°, 66%, 95%
XYZ	50.5095, 29.3435, 61.3942
YIQ	144.2640, 54.6850, 71.7490

Conversions

Conversions Part 2

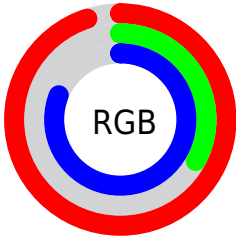
Format	Color
R _Y B	241, 83, 206
Decimal	15815630
CIE Lab	61.08, 72.74, -32.33
CIE LCh	61, 79.597, 336.038
Yxy	29.3435, 0.3576, 0.2077
Android (android.graphics.Color)	4294005710 (0xFFFF153CE)
YUV	144.2640, 30.4358, 84.8375
Hunter-Lab	54.1696, 71.6422, -29.2787

Details

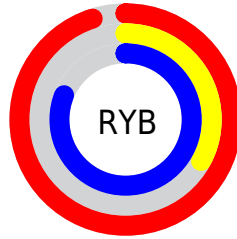
The XYZ color **50.5095, 29.3435, 61.3942** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **38.2941, 66.0588, 27.8745**, and the grayscale version is **26.4828, 27.8619, 30.3416**.

A 20% lighter version of the original color is **68.9630, 47.8260, 100.2043**, and **24.6420, 12.0581, 30.3068** is the 20% darker color. If you saturate the color by 10%, you get **48.3380, 26.0206, 57.5246**, and if you desaturate by 10%, it is **53.3454, 33.9591, 65.5945**.

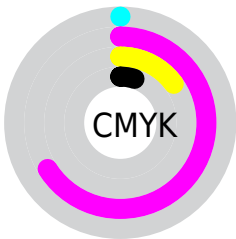
Distribution



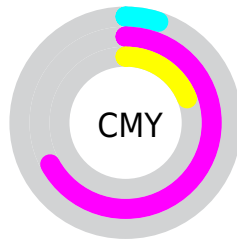
- Red (95%)
- Green (33%)
- Blue (81%)



- Red (95%)
- Yellow (33%)
- Blue (81%)



- Cyan (0%)
- Magenta (66%)
- Yellow (15%)
- Black (5%)





- Cyan (5%)
- Magenta (67%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5095, 29.3435, 61.3942 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 50.5095, 29.3435, 61.3942 by changing the saturation by 10% instead.


 50.5095, 29.3435,
61.3942

 50.5095, 29.3435,
61.3942


379.0742,
298.8323, 447.6644


 36.0379, 19.3408,
44.1108


 90.1166, 58.6224,
108.4126


 24.6337, 11.9168,
30.4198


 115.9828, 78.6674,
138.9846

 15.9316, 6.6871,
19.9027


 146.3779,
102.8287, 174.8232

 9.5663, 3.2672,
12.1409

 181.6673,
131.4905, 216.3470

 5.1724, 1.2728,
6.7160

222.2162,
165.0374, 263.9745

 2.3846, 0.1200,
3.2094

268.3901,

 0.8374, 0.0000,

203.8538, 318.1242

1.2025

320.5543,
248.3239, 379.2146

■ 0.0000, 0.0000,
0.0000

■ 50.5095, 29.3435,
61.3942

■ 50.5095, 29.3435,
61.3942

■ 48.3380, 26.0206,
57.5246

■ 53.3454, 33.9591,
65.5945

■ 46.7582, 23.8465,
53.9596

■ 56.9028, 39.9826,
70.1448

■ 45.6848, 22.6506,
50.6700

■ 61.2358, 47.5212,
75.0645

■ 45.3113, 22.3151,
49.2768

■ 66.3924, 56.6708,
80.3704

■ 72.4167, 67.5192,
86.0785

79.3495, 80.1477,
92.2031

87.2290, 94.6325,
98.7582

89.0900, 97.0426,
103.4228

89.9336, 97.3800,
107.8650

Harmonies

Analogous

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



41.4229, 29.3435, 104.4790



50.5095, 29.3435, 61.3942



52.9491, 29.3435, 26.2837

Triad

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



50.5095, 29.3435, 61.3942



25.8342, 29.3435, 2.1133



14.6189, 29.3435, 79.0212

Complementary

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



50.5095, 29.3435, 61.3942



38.2941, 66.0588, 27.8745

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.



12.3286, 29.3435, 38.3773



50.5095, 29.3435, 61.3942



17.6815, 29.3435, 4.3821

Square

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



50.5095, 29.3435, 61.3942



36.8483, 29.3435, 2.9643



13.2905, 29.3435, 13.8472



20.5160, 29.3435, 118.3559

Rectangle

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



50.5095, 29.3435, 61.3942



50.0547, 29.3435, 12.7951



13.2905, 29.3435, 13.8472



13.4787, 29.3435, 64.3553

Sweetspot

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



50.5105, 29.3449, 61.3948



79.1168, 70.9593, 94.8774



26.3396, 16.3372, 84.9851



16.5266, 14.4551, 19.9187



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.



50.5105, 29.3449, 61.3948



54.2176, 28.5284, 63.8652



43.2512, 26.4412, 23.1678



16.2956, 15.9680, 19.1130



24.6238, 12.1220, 26.9994



2.0850, 1.0230, 2.4383

Inverse Universe

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



50.5105, 29.3449, 61.3948



54.2176, 28.5284, 63.8652



45.0143, 68.7469, 63.2627



16.2956, 15.9680, 19.1130



24.6238, 12.1220, 26.9994



2.0850, 1.0230, 2.4383

Previews

White Background



This preview shows how the XYZ color 50.5095, 29.3435, 61.3942 looks on a white background.

Color Contrast Check

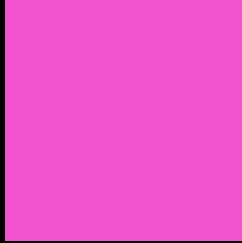
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5095, 29.3435, 61.3942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

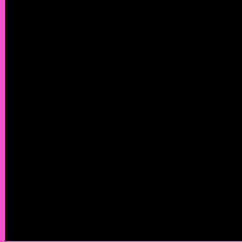
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 50.5095, 29.3435, 61.3942

Background



This preview shows how black text looks on a background with the XYZ color 50.5095, 29.3435, 61.3942.



This preview shows how white text looks on a background with the XYZ color 50.5095, 29.3435,

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

50.5095, 29.3435, 61.3942

Protanopia

33.1688, 29.8192, 98.6152

Deuteranopia

30.0809, 29.3872, 56.3114



Tritanopia

41.7937, 29.1419, 19.9452

Trichromacy



Original Color

50.5095, 29.3435, 61.3942



Protanomaly

35.0081, 26.6128, 83.4124



Deuteranomaly

34.8404, 27.0879, 58.0358



Tritanomaly

44.1476, 28.7558, 31.6574

Monochromacy



Original Color

50.5095, 29.3435, 61.3942



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

32.5250, 26.2928, 39.9200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5095, 29.3435, 61.3942 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(241, 83, 206)` looks like.

```
.text, #text, p{  
    color:rgb(241, 83, 206)  
}
```

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(241, 83, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 83, 206) }
```

Border

The CSS property to change the border of an element to XYZ 50.5095, 29.3435, 61.3942 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(241, 83, 206) }
```


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

```
.border{ border-color:rgb(241, 83, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 83, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 83, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 83, 206);  
box-shadow:4px 4px 4px 4px rgb(241, 83,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5095, 29.3435, 61.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 83, 206) }
```

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

```
.background{ background-color: rgb(241, 83,  
206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor