

Converting Colors

XYZ(54.9513, 30.6626, 62.0537)

Have a look what the booklet for
XYZ(54.9513, 30.6626, 62.0537)
contains.

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Color

**XYZ(54.9513, 30.6626,
62.0537)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4ACF
RGB	255, 74, 207
RGB Percent	100%, 29%, 81%
CMY	0.0000, 0.7098, 0.1882
CMYK	0.00, 0.71, 0.19, 0.00
HSL	316°, 100%, 65%
HSV	316°, 71%, 100%
XYZ	54.9513, 30.6626, 62.0537
YIQ	143.2810, 65.1830, 79.7350

Conversions

Conversions Part 2

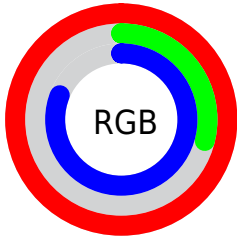
Format	Color
R_{YB}	255, 74, 207
Decimal	16730831
CIE _{Lab}	62.22, 79.37, -30.95
CIE _{LCh}	62, 85.193, 338.695
Yxy	30.6626, 0.3721, 0.2076
Android (android.graphics.Color)	4294920911 (0xFFFF4ACF)
YUV	143.2810, 31.4135, 97.9776
Hunter-Lab	55.3738, 80.2338, -27.6806

Details

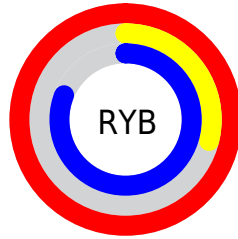
The XYZ color **54.9513, 30.6626, 62.0537** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **42.0984, 74.3817, 30.5540**, and the grayscale version is **26.0827, 27.4410, 29.8833**.

A 20% lighter version of the original color is **68.0942, 46.0883, 99.9147**, and **27.9156, 13.7363, 30.8858** is the 20% darker color. If you saturate the color by 10%, you get **52.7711, 27.5972, 57.3348**, and if you desaturate by 10%, it is **57.8578, 35.1237, 67.1900**.

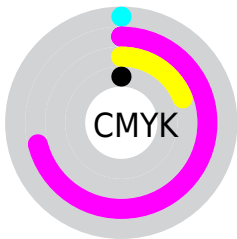
Distribution



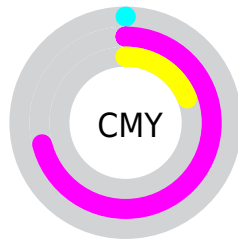
- Red (100%)
- Green (29%)
- Blue (81%)



- Red (100%)
- Yellow (29%)
- Blue (81%)



- Cyan (0%)
- Magenta (71%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9513, 30.6626, 62.0537 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 54.9513, 30.6626, 62.0537 by changing the saturation by 10% instead.


 54.9513, 30.6626,
62.0537


 54.9513, 30.6626,
62.0537

395.8667,
304.9809, 450.1400


 39.5964, 20.3421,
44.6400

 96.6183, 60.7085,
109.3755


 27.4068, 12.6439,
30.8331


 123.6612, 81.2026,
140.1207

 18.0172, 7.1838,
20.2144


 155.3308,
105.8567, 176.1468

 11.0621, 3.5773,
12.3654

 191.9924,
135.0552, 217.8724

 6.1762, 1.4401,
6.8675

234.0115,
169.1825, 265.7159

 2.9942, 0.2460,
3.3022

281.7533,

 1.1507, 0.0000,

208.6229, 320.0960

1.2509

335.5833,
253.7609, 381.4312

■ 0.0669, 0.0000,
0.0210

■ 0.0000, 0.0000,
0.0000

■ 54.9513, 30.6626,
62.0537

■ 54.9513, 30.6626,
62.0537

■ 52.7711, 27.5972,
57.3348

■ 57.8578, 35.1237,
67.1900

■ 51.2253, 25.7447,
52.9997

■ 61.5630, 41.1252,
72.7692

■ 50.2496, 24.8638,
49.3737

■ 66.1331, 48.7981,
78.8156

■ 71.6261, 58.2583,
85.3506

78.0954, 69.6116,
92.3940

85.5897, 82.9551,
99.9642

94.1549, 98.3796,
108.0782

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.



45.2517, 30.6626, 111.1139



54.9513, 30.6626, 62.0537



56.8904, 30.6626, 24.7059

Triad

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



54.9513, 30.6626, 62.0537



25.9301, 30.6626, 1.7687



15.0784, 30.6626, 90.6177

Complementary

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



54.9513, 30.6626, 62.0537



42.0984, 74.3817, 30.5540

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.



12.3063, 30.6626, 43.8936



54.9513, 30.6626, 62.0537



17.3995, 30.6626, 4.3505

Square

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



54.9513, 30.6626, 62.0537



37.9300, 30.6626, 2.3261



13.0268, 30.6626, 15.2710



21.8316, 30.6626, 133.8277

Rectangle

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



54.9513, 30.6626, 62.0537



53.1350, 30.6626, 11.2901



13.0268, 30.6626, 15.2710



13.7430, 30.6626, 73.9105

Sweetspot

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



54.9520, 30.6640, 62.0543



78.0788, 69.5822, 92.3767



28.1427, 16.0592, 96.2242



16.3084, 14.1810, 19.3451



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.



54.9520, 30.6640, 62.0543



52.0785, 26.7172, 55.5463



47.0348, 27.4971, 20.3626



18.5749, 18.2133, 21.6446



26.3215, 13.0179, 26.1415



2.6081, 1.2856, 2.7834

Inverse Universe

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



54.9520, 30.6640, 62.0543



52.0785, 26.7172, 55.5463



50.1869, 77.6171, 73.1478



18.5749, 18.2133, 21.6446



26.3215, 13.0179, 26.1415



2.6081, 1.2856, 2.7834

Previews

White Background



This preview shows how the XYZ color 54.9513, 30.6626, 62.0537 looks on a white background.

Color Contrast Check

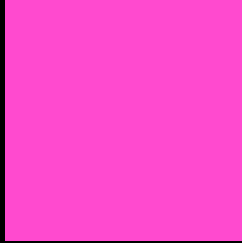
Large Text (above 18pt) WCAG AA × Fail

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 54.9513, 30.6626, 62.0537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

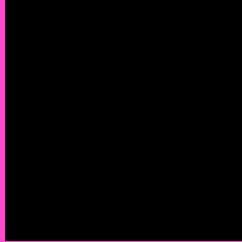
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9513, 30.6626, 62.0537

Background



This preview shows how black text looks on a background with the XYZ color 54.9513, 30.6626, 62.0537.



This preview shows how white text looks on a background with the XYZ color 54.9513, 30.6626,

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

54.9513, 30.6626, 62.0537

Protanopia

34.1926, 31.0305, 98.7951

Deuteranopia

31.5382, 30.8281, 56.5127



Tritanopia

45.6708, 30.4191, 18.2162

Trichromacy



Original Color

54.9513, 30.6626, 62.0537



Protanomaly

36.4472, 26.9769, 84.1750



Deuteranomaly

36.5541, 27.7900, 58.0810



Tritanomaly

48.0049, 29.8384, 30.0173

Monochromacy



Original Color

54.9513, 30.6626, 62.0537



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

33.1285, 25.9004, 39.3296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9513, 30.6626, 62.0537 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, 74, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 207)  
}
```

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, 74, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 207) }
```

Border

The CSS property to change the border of an element to XYZ 54.9513, 30.6626, 62.0537 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, 74, 207) }
```


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

```
.border{ border-color:rgb(255, 74, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 74, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9513, 30.6626, 62.0537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 207) }
```

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

```
.background{ background-color: rgb(255, 74,  
207) }
```

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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