

Converting Colors

XYZ(54.6601, 33.9195, 50.1206)

Have a look what the booklet for
XYZ(54.6601, 33.9195, 50.1206)
contains.

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Color

**XYZ(54.6601, 33.9195,
50.1206)**

Conversions

Conversions Part 1

Format	Color
Hex	FF64BA
RGB	255, 100, 186
RGB Percent	100%, 39%, 73%
CMY	0.0000, 0.6078, 0.2706
CMYK	0.00, 0.61, 0.27, 0.00
HSL	327°, 100%, 70%
HSV	327°, 61%, 100%
XYZ	54.6601, 33.9195, 50.1206
YIQ	156.1490, 64.7740, 59.6060

Conversions

Conversions Part 2

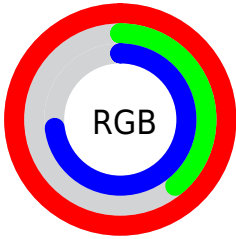
Format	Color
R_{YB}	255, 100, 186
Decimal	16737466
CIE _{Lab}	64.90, 67.10, -14.94
CIE _{LCh}	65, 68.739, 347.444
Yxy	33.9195, 0.3941, 0.2446
Android (android.graphics.Color)	4294927546 (0xFFFF64BA)
YUV	156.1490, 14.7165, 86.6923
Hunter-Lab	58.2404, 65.6059, -10.2555

Details

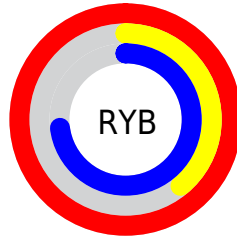
The XYZ color **54.6601, 33.9195, 50.1206** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **48.1786, 77.0947, 49.8814**, and the grayscale version is **31.5839, 33.2288, 36.1861**.

A 20% lighter version of the original color is **69.4939, 52.1245, 90.4027**, and **27.3702, 14.5573, 23.5576** is the 20% darker color. If you saturate the color by 10%, you get **51.4262, 29.3071, 43.3230**, and if you desaturate by 10%, it is **58.7567, 40.1037, 57.6795**.

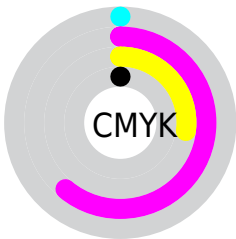
Distribution



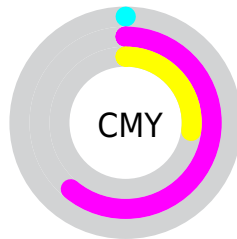
- Red (100%)
- Green (39%)
- Blue (73%)



- Red (100%)
- Yellow (39%)
- Blue (73%)



- Cyan (0%)
- Magenta (61%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (61%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6601, 33.9195, 50.1206 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 54.6601, 33.9195, 50.1206 by changing the saturation by 10% instead.


 54.6601, 33.9195,
50.1206


 54.6601, 33.9195,
50.1206


394.7796,
319.7730, 403.8859

 39.3624, 22.8318,
35.1374

 96.1940, 65.8085,
91.7517


 27.2238, 14.4693,
23.4843


 123.1609, 87.3785,
119.2366

 17.8788, 8.4478,
14.7429


 154.7483,
113.2114, 151.7259

 10.9622, 4.3828,
8.4945

 191.3215,
143.6916, 189.6380

 6.1085, 1.8899,
4.3207

233.2459,
179.2034, 233.3915

 2.9525, 0.5423,
1.8029

280.8868,

 1.1287, 0.0000,

220.1313, 283.4050

0.4299

334.6096,
266.8597, 340.0970

■ 0.0489, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6601, 33.9195,
50.1206

■ 54.6601, 33.9195,
50.1206

■ 51.4262, 29.3071,
43.3230

■ 58.7567, 40.1037,
57.6795

■ 48.9761, 26.1123,
37.2486

■ 63.7801, 47.9848,
66.0306

■ 47.2195, 24.1584,
31.8561

■ 69.7910, 57.6808,
75.2049

■ 46.0834, 23.1974,
27.4351

■ 76.8442, 69.2977,
85.2303

84.9900, 82.9334,
96.1334

94.2755, 98.6789,
107.9393

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.



48.4219, 33.9195, 87.5382



54.6601, 33.9195, 50.1206



54.0639, 33.9195, 22.8631

Triad

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



54.6601, 33.9195, 50.1206



26.8551, 33.9195, 5.4934



20.9875, 33.9195, 93.5229

Complementary

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



54.6601, 33.9195, 50.1206



48.1786, 77.0947, 49.8814

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.



17.2565, 33.9195, 55.8384



54.6601, 33.9195, 50.1206



20.1358, 33.9195, 10.9444

Square

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



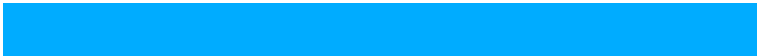
54.6601, 33.9195, 50.1206



36.5646, 33.9195, 5.1620



16.9806, 33.9195, 26.2882



28.2696, 33.9195, 119.9798

Rectangle

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



54.6601, 33.9195, 50.1206



49.8698, 33.9195, 12.6880



16.9806, 33.9195, 26.2882



19.3475, 33.9195, 81.0714

Sweetspot

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



54.6610, 33.9212, 50.1212



78.9978, 72.8831, 88.1733



38.5806, 24.5701, 97.3168



16.4269, 14.7978, 18.2139



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.



54.6610, 33.9212, 50.1212



50.8177, 28.4813, 41.9140



48.6311, 31.5092, 18.3682



18.4313, 18.1558, 20.8882



24.1560, 12.1517, 14.7378



2.4070, 1.2052, 1.7248

Inverse Universe

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



54.6610, 33.9212, 50.1212



50.8177, 28.4813, 41.9140



57.4471, 80.8021, 98.6887



18.4313, 18.1558, 20.8882



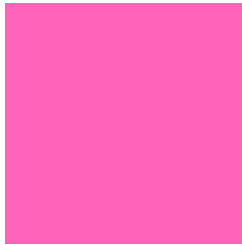
24.1560, 12.1517, 14.7378



2.4070, 1.2052, 1.7248

Previews

White Background



This preview shows how the XYZ color 54.6601, 33.9195, 50.1206 looks on a white background.

Color Contrast Check

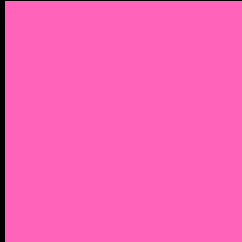
Large Text (above 18pt) WCAG AA × Fail

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 54.6601, 33.9195, 50.1206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

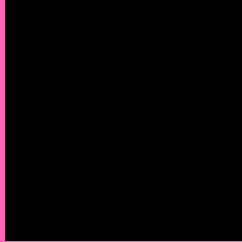
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6601, 33.9195, 50.1206

Background



This preview shows how black text looks on a background with the XYZ color 54.6601, 33.9195, 50.1206.



This preview shows how white text looks on a background with the XYZ color 54.6601, 33.9195,

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

54.6601, 33.9195, 50.1206

Protanopia

35.4653, 34.1132, 75.9494

Deuteranopia

34.9013, 34.2181, 46.8847



Tritanopia

49.1302, 34.0155, 22.7151

Trichromacy



Original Color

54.6601, 33.9195, 50.1206



Protanomaly

39.0123, 31.6148, 65.6741



Deuteranomaly

39.8915, 32.2567, 47.8397



Tritanomaly

50.9091, 33.9226, 31.0586

Monochromacy



Original Color

54.6601, 33.9195, 50.1206



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

37.5174, 31.6048, 40.6822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6601, 33.9195, 50.1206 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, 100, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 100, 186)  
}
```

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, 100, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 100, 186) }
```

Border

The CSS property to change the border of an element to XYZ 54.6601, 33.9195, 50.1206 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, 100, 186) }
```


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

```
.border{ border-color:rgb(255, 100, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 100, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 100, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 100, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 100,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6601, 33.9195, 50.1206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 100, 186) }
```

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

```
.background{ background-color: rgb(255,  
100, 186) }
```

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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