

Converting Colors

XYZ(65.8806, 42.1129, 40.2540)

Have a look what the booklet for
XYZ(65.8806, 42.1129, 40.2540)
contains.

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Color

**XYZ(54.0488, 36.0112,
39.6995)**

Conversions

Conversions Part 1

Format	Color
Hex	FF72A5
RGB	255, 114, 165
RGB Percent	100%, 45%, 65%
CMY	0.0000, 0.5529, 0.3529
CMYK	0.00, 0.55, 0.35, 0.00
HSL	338°, 100%, 72%
HSV	338°, 55%, 100%
XYZ	54.0488, 36.0112, 39.6995
YIQ	161.9730, 67.6650, 45.7530

Conversions

Conversions Part 2

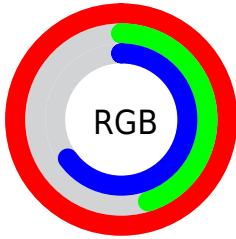
Format	Color
R _Y B	255, 114, 165
Decimal	16741029
CIE Lab	66.53, 58.51, -0.59
CIE LCh	67, 58.517, 359.423
Yxy	36.0112, 0.4165, 0.2775
Android (android.graphics.Color)	4294931109 (0xFFFF72A5)
YUV	161.9730, 1.4923, 81.5847
Hunter-Lab	60.0093, 55.7538, 2.7829

Details

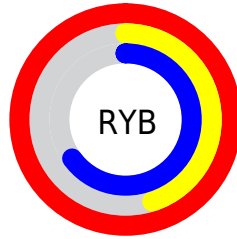
The XYZ color **54.0488, 36.0112, 39.6995** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **53.6004, 79.4579, 69.6431**, and the grayscale version is **34.3023, 36.0887, 39.3006**.

A 20% lighter version of the original color is **68.5330, 55.1768, 74.7482**, and **26.6919, 15.5878, 17.2247** is the 20% darker color. If you saturate the color by 10%, you get **50.1743, 30.4842, 31.5577**, and if you desaturate by 10%, it is **58.9154, 43.2203, 49.1030**.

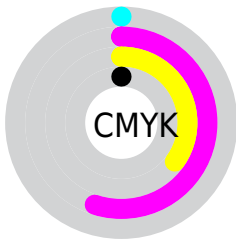
Distribution



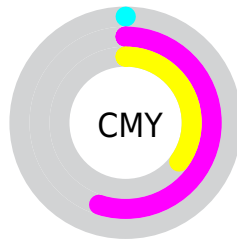
- Red (100%)
- Green (45%)
- Blue (65%)



- Red (100%)
- Yellow (45%)
- Blue (65%)



- Cyan (0%)
- Magenta (55%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (55%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0488, 36.0112, 39.6995 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 54.0488, 36.0112, 39.6995 by changing the saturation by 10% instead.


 54.0488, 36.0112,
39.6995


 54.0488, 36.0112,
39.6995


392.4914,
329.0095, 360.3697


 38.8715, 24.4428,
26.9923


 95.3024, 69.0494,
75.9378

 26.8401, 15.6624,
17.3351


 122.1093, 91.2879,
100.3060

 17.5891, 9.2856,
10.3092


 153.5236,
117.8521, 129.3982

 10.7533, 4.9279,
5.4962

189.9105,
149.1261, 163.6331

 5.9673, 2.2050,
2.4774

231.6353,
185.4945, 203.4292

 2.8656, 0.7227,
0.8282

279.0635,

 1.0831, 0.0000,

227.3416, 249.2049

0.0000

332.5604,
275.0518, 301.3790

■ 0.0109, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0488, 36.0112,
39.6995

■ 54.0488, 36.0112,
39.6995

■ 50.1743, 30.4842,
31.5577

■ 58.9154, 43.2203,
49.1030

■ 47.2134, 26.4941,
24.6156

■ 64.8384, 52.2299,
59.8217

■ 45.0797, 23.8798,
18.8078

■ 71.8799, 63.1538,
71.9079

■ 43.6665, 22.4411,
14.0591

■ 80.0963, 76.0952,
85.4104

■ 43.1817, 22.0367,
12.1547

■ 89.5400, 91.1494,
100.3754

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.



50.9269, 36.0112, 69.3260



54.0488, 36.0112, 39.6995



51.1491, 36.0112, 19.9233

Triad

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



54.0488, 36.0112, 39.6995



26.5822, 36.0112, 10.3652



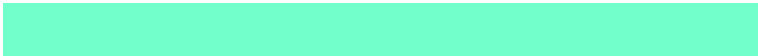
26.3339, 36.0112, 97.3455

Complementary

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



54.0488, 36.0112, 39.6995



53.6004, 79.4579, 69.6431

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.



21.5222, 36.0112, 68.0990



54.0488, 36.0112, 39.6995



21.6474, 36.0112, 19.3906

Square

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



54.0488, 36.0112, 39.6995



34.3980, 36.0112, 8.0026



19.9631, 36.0112, 38.7247



34.0577, 36.0112, 110.2027

Rectangle

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



54.0488, 36.0112, 39.6995



46.4326, 36.0112, 12.7493



19.9631, 36.0112, 38.7247



24.3739, 36.0112, 88.6247

Sweetspot

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



54.0498, 36.0131, 39.7002



78.6066, 73.7364, 83.0005



48.7794, 31.9955, 98.2125



16.4599, 15.2059, 17.1708



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.



54.0498, 36.0131, 39.7002



49.9352, 30.1524, 31.0267



52.6388, 39.1973, 20.7134



18.2808, 18.0956, 20.0961



22.6282, 11.5406, 6.6928



2.2534, 1.1437, 0.9156

Inverse Universe

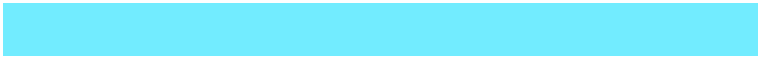
The Inverse Universe completely reimagines the original color for something new.



54.0498, 36.0131, 39.7002



49.9352, 30.1524, 31.0267



55.0438, 70.9047, 105.3926



18.2808, 18.0956, 20.0961



22.6282, 11.5406, 6.6928



2.2534, 1.1437, 0.9156

Previews

White Background



This preview shows how the XYZ color 54.0488, 36.0112, 39.6995 looks on a white background.

Color Contrast Check

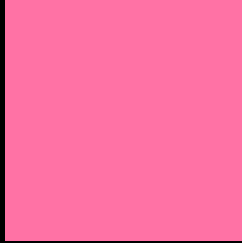
Large Text (above 18pt) WCAG AA × Fail

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 54.0488, 36.0112, 39.6995 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 54.0488, 36.0112, 39.6995

Background



This preview shows how black text looks on a background with the XYZ color 54.0488, 36.0112, 39.6995.



This preview shows how white text looks on a background with the XYZ color 54.0488, 36.0112,

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

54.0488, 36.0112, 39.6995

Protanopia

36.0000, 36.3533, 56.1584

Deuteranopia

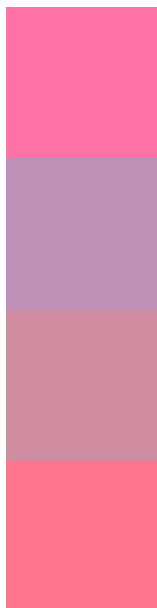
36.8189, 36.1663, 37.3880



Tritanopia

50.9447, 35.9552, 25.0238

Trichromacy



Original Color

54.0488, 36.0112, 39.6995

Protanomaly

40.0064, 34.4418, 49.3391

Deuteranomaly

41.6900, 34.8884, 38.2550

Tritanomaly

51.8689, 35.7925, 29.7660

Monochromacy



Original Color

54.0488, 36.0112, 39.6995

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

39.5012, 34.6309, 39.2528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0488, 36.0112, 39.6995 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, 114, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 165)  
}
```

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, 114, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 165) }
```

Border

The CSS property to change the border of an element to XYZ 54.0488, 36.0112, 39.6995 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, 114, 165) }
```


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

```
.border{ border-color:rgb(255, 114, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 114, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0488, 36.0112, 39.6995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 165) }
```

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

```
.background{ background-color: rgb(255,  
114, 165) }
```

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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