

Converting Colors

XYZ(53.3306, 36.1833, 34.5015)

Have a look what the booklet for
XYZ(53.3306, 36.1833, 34.5015)
contains.

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Color

**XYZ(53.3511, 36.2825,
34.3283)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7599
RGB	255, 117, 153
RGB Percent	100%, 46%, 60%
CMY	0.0000, 0.5411, 0.4000
CMYK	0.00, 0.54, 0.40, 0.00
HSL	344°, 100%, 73%
HSV	344°, 54%, 100%
XYZ	53.3511, 36.2825, 34.3283
YIQ	162.3660, 70.6920, 40.4520

Conversions

Conversions Part 2

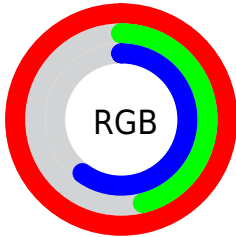
Format	Color
R_{YB}	255, 117, 153
Decimal	16741785
CIE _{Lab}	66.74, 55.83, 6.53
CIE _{LCh}	67, 56.213, 6.666
Yxy	36.2825, 0.4304, 0.2927
Android (android.graphics.Color)	4294931865 (0xFFFF7599)
YUV	162.3660, -4.6174, 81.2400
Hunter-Lab	60.2350, 52.6892, 8.3747

Details

The XYZ color **53.3511, 36.2825, 34.3283** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.8843, 80.4173, 79.5995**, and the grayscale version is **34.5133, 36.3107, 39.5423**.

A 20% lighter version of the original color is **67.4461, 55.6521, 66.2186**, and **26.3152, 15.7661, 14.2266** is the 20% darker color. If you saturate the color by 10%, you get **49.3384, 30.5548, 25.9071**, and if you desaturate by 10%, it is **58.4207, 43.7303, 44.3157**.

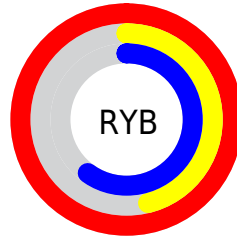
Distribution



Red (100%)

Green (46%)

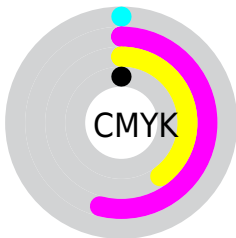
Blue (60%)



Red (100%)

Yellow (46%)

Blue (60%)

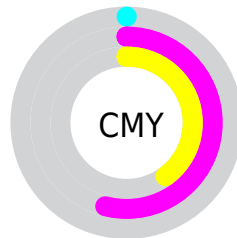


Cyan (0%)

Magenta (54%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3511, 36.2825, 34.3283 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 53.3511, 36.2825, 34.3283 by changing the saturation by 10% instead.


 53.3511, 36.2825,
34.3283


 53.3511, 36.2825,
34.3283


389.8695,
330.1936, 336.4072


 38.3117, 24.6525,
22.8665


 94.2833, 69.4679,
67.5836

 26.4030, 15.8183,
14.2906


 120.9068, 91.7920,
90.2142

 17.2597, 9.3957,
8.1820


 152.1225,
118.4496, 117.4048

 10.5162, 5.0002,
4.1222

188.2956,
149.8251, 149.5740

 5.8074, 2.2474,
1.6926

229.7914,
186.3028, 187.1403

 2.7679, 0.7456,
0.3557

276.9755,

 1.0322, 0.0000,

228.2672, 230.5222

0.0000

330.2131,
276.1027, 280.1384

■ 0.0000, 0.0000,
0.0000

■ 53.3511, 36.2825,
34.3283

■ 53.3511, 36.2825,
34.3283

■ 49.3384, 30.5548,
25.9071

■ 58.4207, 43.7303,
44.3157

■ 46.3007, 26.4022,
18.9671

■ 64.6149, 53.0165,
55.9440

■ 44.1483, 23.6650,
13.4173

■ 71.9990, 64.2555,
69.2852

■ 42.7720, 22.1463,
9.1542

■ 80.6322, 77.5507,
84.4063

■ 42.2385, 21.6594,
7.1883

■ 90.5701, 92.9980,
101.3706

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.



51.7311, 36.2825, 61.0422



53.3511, 36.2825, 34.3283



49.2899, 36.2825, 17.6644

Triad

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



53.3511, 36.2825, 34.3283



25.6352, 36.2825, 12.6369



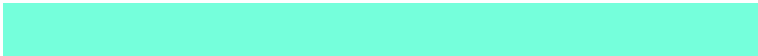
28.4210, 36.2825, 99.7783

Complementary

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



53.3511, 36.2825, 34.3283



55.8843, 80.4173, 79.5995

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.



22.9888, 36.2825, 74.4723



53.3511, 36.2825, 34.3283



21.5743, 36.2825, 23.7437

Square

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



53.3511, 36.2825, 34.3283



32.6269, 36.2825, 8.9051



20.6916, 36.2825, 45.1786



36.4133, 36.2825, 106.4192

Rectangle

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



53.3511, 36.2825, 34.3283



44.2455, 36.2825, 11.9223



20.6916, 36.2825, 45.1786



26.2779, 36.2825, 92.7826

Sweetspot

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



53.3521, 36.2844, 34.3290



78.9063, 74.8821, 81.4160



53.3862, 34.8811, 98.5267



16.4971, 15.4228, 16.7435



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.



53.3521, 36.2844, 34.3290



49.0312, 30.1256, 25.2341



55.2315, 44.1047, 22.4341



18.2038, 18.0648, 19.6905



22.1220, 11.3381, 4.0270



2.1964, 1.1209, 0.6158

Inverse Universe

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



53.3521, 36.2844, 34.3290



49.0312, 30.1256, 25.2341



51.7220, 63.6720, 104.1716



18.2038, 18.0648, 19.6905



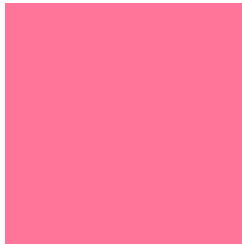
22.1220, 11.3381, 4.0270



2.1964, 1.1209, 0.6158

Previews

White Background



This preview shows how the XYZ color 53.3511, 36.2825, 34.3283 looks on a white background.

Color Contrast Check

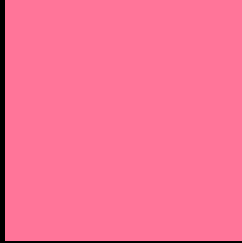
Large Text (above 18pt) WCAG AA × Fail

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 53.3511, 36.2825, 34.3283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

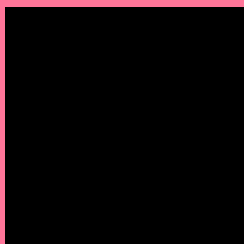
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3511, 36.2825, 34.3283

Background



This preview shows how black text looks on a background with the XYZ color 53.3511, 36.2825, 34.3283.



This preview shows how white text looks on a background with the XYZ color 53.3511, 36.2825,

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

53.3511, 36.2825, 34.3283

Protanopia

35.7550, 36.6724, 47.8418

Deuteranopia

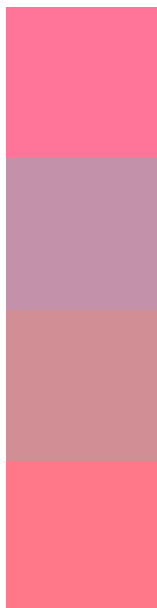
37.0906, 36.4109, 32.6769



Tritanopia

51.3746, 36.1691, 25.3927

Trichromacy



Original Color

53.3511, 36.2825, 34.3283

Protanomaly

40.0403, 35.0622, 42.6875

Deuteranomaly

41.6762, 35.2176, 33.0349

Tritanomaly

52.1770, 36.3388, 28.3088

Monochromacy



Original Color

53.3511, 36.2825, 34.3283

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

39.3018, 34.7967, 37.4459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3511, 36.2825, 34.3283 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, 117, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 153)  
}
```

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, 117, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 153) }
```

Border

The CSS property to change the border of an element to XYZ 53.3511, 36.2825, 34.3283 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, 117, 153) }
```


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

```
.border{ border-color:rgb(255, 117, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3511, 36.2825, 34.3283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 153) }
```

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

```
.background{ background-color: rgb(255,  
117, 153) }
```

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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