

Converting Colors

XYZ(51.1972, 33.1989, 35.1621)

Have a look what the booklet for
XYZ(51.1972, 33.1989, 35.1621)
contains.

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Color

**XYZ(51.1972, 33.1989,
35.1621)**

Conversions

Conversions Part 1

Format	Color
Hex	FC699C
RGB	252, 105, 156
RGB Percent	99%, 41%, 61%
CMY	0.0118, 0.5882, 0.3882
CMYK	0.00, 0.58, 0.38, 0.01
HSL	339°, 96%, 70%
HSV	339°, 58%, 99%
XYZ	51.1972, 33.1989, 35.1621
YIQ	154.7670, 71.2410, 47.0250

Conversions

Conversions Part 2

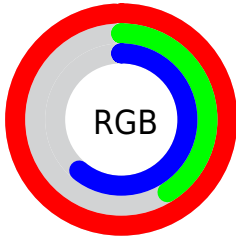
Format	Color
R_{YB}	252, 105, 156
Decimal	16542108
CIE _{Lab}	64.32, 60.61, 1.27
CIE _{LCh}	64, 60.623, 1.201
Yxy	33.1989, 0.4282, 0.2777
Android (android.graphics.Color)	4294732188 (0xFFFC699C)
YUV	154.7670, 0.6079, 85.2733
Hunter-Lab	57.6185, 57.7747, 4.1508

Details

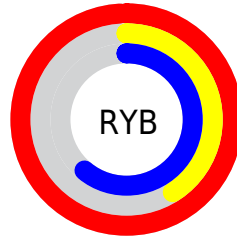
The XYZ color **51.1972, 33.1989, 35.1621** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **51.1806, 76.8420, 67.3977**, and the grayscale version is **31.0294, 32.6454, 35.5508**.

A 20% lighter version of the original color is **65.7932, 51.7538, 67.4946**, and **25.0127, 14.0503, 14.7583** is the 20% darker color. If you saturate the color by 10%, you get **47.6995, 28.2847, 27.5800**, and if you desaturate by 10%, it is **55.6458, 39.7124, 43.9935**.

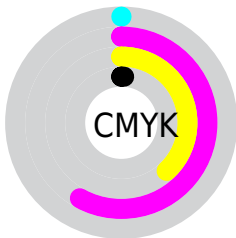
Distribution



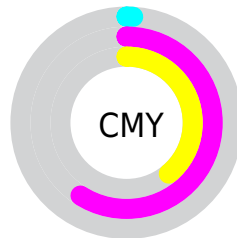
- Red (99%)
- Green (41%)
- Blue (61%)



- Red (99%)
- Yellow (41%)
- Blue (61%)



- Cyan (0%)
- Magenta (58%)
- Yellow (38%)
- Black (1%)





- Cyan (1%)
- Magenta (59%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1972, 33.1989, 35.1621 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 51.1972, 33.1989, 35.1621 by changing the saturation by 10% instead.


 51.1972, 33.1989,
35.1621


 51.1972, 33.1989,
35.1621


381.7045,
316.5450, 340.2092


 36.5873, 22.2789,
23.5032


 91.1275, 64.6859,
68.8912


 25.0603, 14.0619,
14.7567


 117.1785, 86.0217,
91.7986

 16.2509, 8.1638,
8.5041


 147.7739,
111.5982, 119.2924

 9.7939, 4.1999,
4.3268

 183.2791,
141.7998, 151.7914

 5.3237, 1.7860,
1.8063

224.0594,
177.0109, 189.7141

 2.4751, 0.4784,
0.4321

270.4802,

 0.8827, 0.0000,

217.6159, 233.4789

0.0000

322.9067,
263.9991, 283.5044

■ 0.0000, 0.0000,
0.0000

■ 51.1972, 33.1989,
35.1621

■ 51.1972, 33.1989,
35.1621

■ 47.6995, 28.2847,
27.5800

■ 55.6458, 39.7124,
43.9935

■ 45.0730, 24.8230,
21.1824

■ 61.1106, 47.9448,
54.1301

■ 43.2285, 22.6480,
15.9003

■ 67.6540, 58.0101,
65.6263

■ 42.0432, 21.5279,
11.6499

■ 75.3325, 70.0108,
78.5326

■ 41.8824, 21.3904,
11.0284

■ 84.1985, 84.0422,
92.8969

93.9144, 99.4192,
108.6356

93.9549, 99.4354,
108.8487

Harmonies

Analogous

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



48.4231, 33.1989, 64.1787



51.1972, 33.1989, 35.1621



47.9623, 33.1989, 16.7110

Triad

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



51.1972, 33.1989, 35.1621



23.7230, 33.1989, 8.8491



24.2240, 33.1989, 95.7472

Complementary

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



51.1972, 33.1989, 35.1621



51.1806, 76.8420, 67.3977

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.



19.3939, 33.1989, 66.7388



51.1972, 33.1989, 35.1621



19.1438, 33.1989, 17.7626

Square

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



51.1972, 33.1989, 35.1621



31.2084, 33.1989, 6.4281



17.7143, 33.1989, 37.1521



31.9032, 33.1989, 107.4117

Rectangle

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



51.1972, 33.1989, 35.1621



43.1220, 33.1989, 10.3375



17.7143, 33.1989, 37.1521



22.2662, 33.1989, 87.2025

Sweetspot

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



51.1981, 33.2006, 35.1627



78.5182, 73.7010, 82.5351



46.5905, 29.4888, 95.3317



16.4392, 15.1976, 17.0615



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.



51.1981, 33.2006, 35.1627



48.4771, 28.3453, 27.1216



50.2919, 36.9091, 17.8404



17.4932, 17.3246, 19.1868



21.8795, 11.1675, 6.0737



2.0743, 1.0535, 0.8147

Inverse Universe

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



51.1981, 33.2006, 35.1627



48.4771, 28.3453, 27.1216



51.6806, 66.5985, 102.2264



17.4932, 17.3246, 19.1868



21.8795, 11.1675, 6.0737



2.0743, 1.0535, 0.8147

Previews

White Background



This preview shows how the XYZ color 51.1972, 33.1989, 35.1621 looks on a white background.

Color Contrast Check

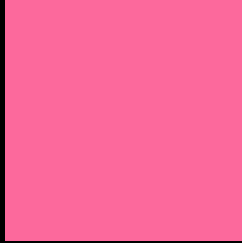
Large Text (above 18pt) WCAG AA × Fail

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 51.1972, 33.1989, 35.1621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

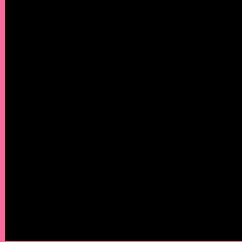
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1972, 33.1989, 35.1621

Background



This preview shows how black text looks on a background with the XYZ color 51.1972, 33.1989, 35.1621.



This preview shows how white text looks on a background with the XYZ color 51.1972, 33.1989, 35.1621.

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

51.1972, 33.1989, 35.1621

Protanopia

33.1619, 33.4719, 51.1673

Deuteranopia

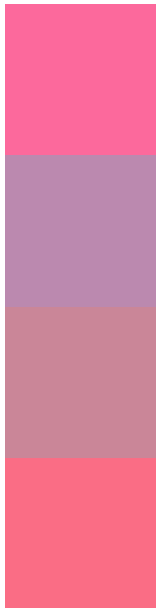
33.9470, 33.3018, 33.0725



Tritanopia

48.2513, 33.0841, 21.6121

Trichromacy



Original Color

51.1972, 33.1989, 35.1621

Protanomaly

37.1770, 31.5513, 44.6880

Deuteranomaly

38.5497, 31.8737, 33.8262

Tritanomaly

49.1266, 32.9547, 25.9619

Monochromacy



Original Color

51.1972, 33.1989, 35.1621

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

36.0973, 31.2050, 35.1310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1972, 33.1989, 35.1621 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(252, 105, 156)` looks like.

```
.text, #text, p{  
    color:rgb(252, 105, 156)  
}
```

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(252, 105, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 105, 156) }
```

Border

The CSS property to change the border of an element to XYZ 51.1972, 33.1989, 35.1621 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(252, 105, 156) }
```


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

```
.border{ border-color:rgb(252, 105, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 105, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 105, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 105, 156);  
box-shadow:4px 4px 4px 4px rgb(252, 105,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1972, 33.1989, 35.1621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 105, 156) }
```

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

```
.background{ background-color: rgb(252,  
105, 156) }
```

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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