

Converting Colors

XYZ(61.7526, 38.0274, 40.5800)

Have a look what the booklet for
XYZ(61.7526, 38.0274, 40.5800)
contains.

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Color

**XYZ(52.9664, 33.5528,
40.2439)**

Conversions

Conversions Part 1

Format	Color
Hex	FF66A7
RGB	255, 102, 167
RGB Percent	100%, 40%, 65%
CMY	0.0000, 0.6000, 0.3451
CMYK	0.00, 0.60, 0.35, 0.00
HSL	335°, 100%, 70%
HSV	335°, 60%, 100%
XYZ	52.9664, 33.5528, 40.2439
YIQ	155.1570, 70.3230, 52.6510

Conversions

Conversions Part 2

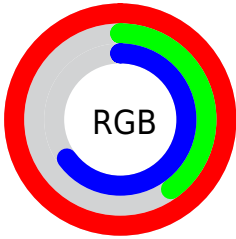
Format	Color
R_{YB}	255, 102, 167
Decimal	16737959
CIE _{Lab}	64.61, 64.02, -4.55
CIE _{LCh}	65, 64.179, 355.931
Yxy	33.5528, 0.4178, 0.2647
Android (android.graphics.Color)	4294928039 (0xFFFF66A7)
YUV	155.1570, 5.8386, 87.5623
Hunter-Lab	57.9248, 61.8520, -0.6451

Details

The XYZ color **52.9664, 33.5528, 40.2439** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.5357, 78.0633, 61.1242**, and the grayscale version is **31.1798, 32.8036, 35.7231**.

A 20% lighter version of the original color is **66.8230, 51.3302, 75.4930**, and **26.1014, 14.2247, 17.5896** is the 20% darker color. If you saturate the color by 10%, you get **49.5545, 28.7772, 32.7918**, and if you desaturate by 10%, it is **57.3045, 39.9342, 48.7641**.

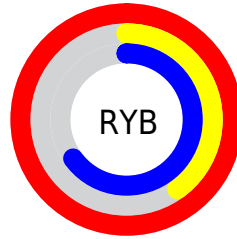
Distribution



Red (100%)

Green (40%)

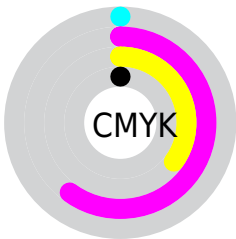
Blue (65%)



Red (100%)

Yellow (40%)

Blue (65%)

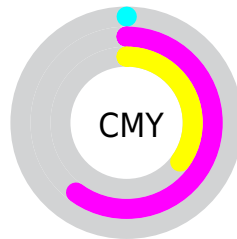


Cyan (0%)

Magenta (60%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9664, 33.5528, 40.2439 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 52.9664, 33.5528, 40.2439 by changing the saturation by 10% instead.


 52.9664, 33.5528,
40.2439

 52.9664, 33.5528,
40.2439

388.4192,
318.1334, 362.7331


 38.0033, 22.5503,
27.4135

 93.7207, 65.2376,
76.7759


 26.1625, 14.2618,
17.6489


 120.2427, 86.6887,
101.3146

 17.0786, 8.3030,
10.5314

 151.3484,
112.3914, 130.5932

 10.3862, 4.2894,
5.6425

 187.4030,
142.7302, 165.0302

 5.7200, 1.8367,
2.5637

228.7721,
178.0894, 205.0442

 2.7146, 0.5099,
0.8736

275.8209,

 1.0047, 0.0000,

218.8533, 251.0536

0.0000

328.9148,
265.4066, 303.4771

■ 0.0000, 0.0000,
0.0000

■ 52.9664, 33.5528,
40.2439

■ 52.9664, 33.5528,
40.2439

■ 49.5545, 28.7772,
32.7918

■ 57.3045, 39.9342,
48.7641

■ 46.9875, 25.4537,
26.3546

■ 62.6347, 48.0462,
58.3976

■ 45.1736, 23.4072,
20.8755

■ 69.0201, 58.0070,
69.1886

■ 43.9645, 22.3500,
16.2767

■ 76.5172, 69.9229,
81.1781

■ 43.9641, 22.3496,
16.2752

■ 85.1788, 83.8921,
94.4048

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.



48.8844, 33.5528, 72.8537



52.9664, 33.5528, 40.2439



50.5707, 33.5528, 18.5696

Triad

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



52.9664, 33.5528, 40.2439



24.7704, 33.5528, 7.3026



22.9800, 33.5528, 96.5420

Complementary

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



52.9664, 33.5528, 40.2439



50.5357, 78.0633, 61.1242

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.



18.4916, 33.5528, 63.4356



52.9664, 33.5528, 40.2439



19.3774, 33.5528, 14.8826

Square

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



52.9664, 33.5528, 40.2439



33.1615, 33.5528, 5.7325



17.3115, 33.5528, 33.0581



30.6532, 33.5528, 113.8443

Rectangle

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



52.9664, 33.5528, 40.2439



45.8295, 33.5528, 10.8995



17.3115, 33.5528, 33.0581



21.1108, 33.5528, 86.2991

Sweetspot

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



52.9673, 33.5546, 40.2445



78.1519, 72.5448, 83.7187



43.7151, 27.5055, 97.6127



16.2211, 14.7155, 17.1302



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.



52.9673, 33.5546, 40.2445



48.9751, 28.0001, 31.4225



49.4559, 33.8539, 16.5006



18.3296, 18.1151, 20.3528



23.0432, 11.7066, 8.8778



2.2969, 1.1611, 1.1449

Inverse Universe

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



52.9673, 33.5546, 40.2445



48.9751, 28.0001, 31.4225



56.1226, 75.2295, 106.1705



18.3296, 18.1151, 20.3528



23.0432, 11.7066, 8.8778



2.2969, 1.1611, 1.1449

Previews

White Background



This preview shows how the XYZ color 52.9664, 33.5528, 40.2439 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 52.9664, 33.5528, 40.2439 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 52.9664, 33.5528, 40.2439

Background



This preview shows how black text looks on a background with the XYZ color 52.9664, 33.5528, 40.2439.



This preview shows how white text looks on a background with the XYZ color 52.9664, 33.5528,

40.2439.

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

52.9664, 33.5528, 40.2439

Protanopia

33.9410, 33.6795, 59.9702

Deuteranopia

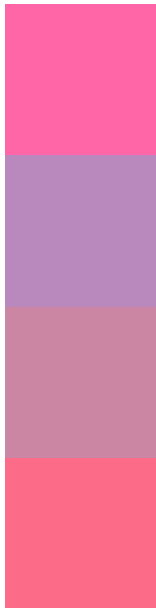
34.2808, 33.6176, 37.4829



Tritanopia

48.9680, 33.4536, 21.6456

Trichromacy



Original Color

52.9664, 33.5528, 40.2439

Protanomaly

37.9971, 31.5967, 52.2402

Deuteranomaly

39.4038, 32.2154, 38.3238

Tritanomaly

50.0228, 33.2267, 27.4438

Monochromacy



Original Color

52.9664, 33.5528, 40.2439

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

36.5480, 31.1879, 36.8945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9664, 33.5528, 40.2439 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, 102, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 167)  
}
```

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, 102, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 167) }
```

Border

The CSS property to change the border of an element to XYZ 52.9664, 33.5528, 40.2439 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, 102, 167) }
```


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

```
.border{ border-color:rgb(255, 102, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9664, 33.5528, 40.2439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 167) }
```

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

```
.background{ background-color: rgb(255,  
102, 167) }
```

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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