

Converting Colors

XYZ(53.1441, 33.6238, 41.1793)

Have a look what the booklet for
XYZ(53.1441, 33.6238, 41.1793)
contains.

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Color

**XYZ(53.1528, 33.6273,
41.2254)**

Conversions

Conversions Part 1

Format	Color
Hex	FF66A9
RGB	255, 102, 169
RGB Percent	100%, 40%, 66%
CMY	0.0000, 0.6000, 0.3373
CMYK	0.00, 0.60, 0.34, 0.00
HSL	334°, 100%, 70%
HSV	334°, 60%, 100%
XYZ	53.1528, 33.6273, 41.2254
YIQ	155.3850, 69.6810, 53.2730

Conversions

Conversions Part 2

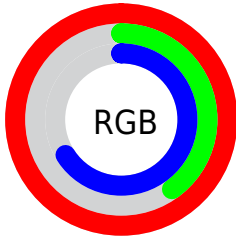
Format	Color
R _{YB}	255, 102, 169
Decimal	16737961
CIE Lab	64.67, 64.24, -5.61
CIE LCh	65, 64.486, 355.010
Yxy	33.6273, 0.4152, 0.2627
Android (android.graphics.Color)	4294928041 (0xFFFF66A9)
YUV	155.3850, 6.7122, 87.3624
Hunter-Lab	57.9891, 62.1324, -1.5579

Details

The XYZ color **53.1528, 33.6273, 41.2254** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.3184, 77.9765, 59.9803**, and the grayscale version is **31.2772, 32.9060, 35.8347**.

A 20% lighter version of the original color is **67.0927, 51.4381, 76.9134**, and **26.2178, 14.2713, 18.2024** is the 20% darker color. If you saturate the color by 10%, you get **49.7481, 28.8546, 33.8113**, and if you desaturate by 10%, it is **57.4774, 40.0033, 49.6746**.

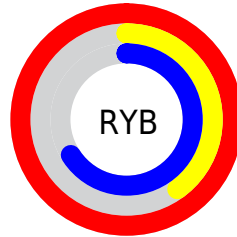
Distribution



Red (100%)

Green (40%)

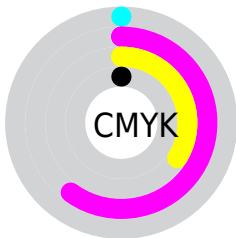
Blue (66%)



Red (100%)

Yellow (40%)

Blue (66%)

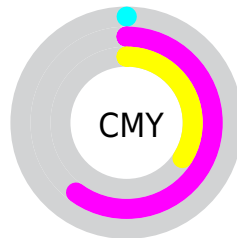


Cyan (0%)

Magenta (60%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1528, 33.6273, 41.2254 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 53.1528, 33.6273, 41.2254 by changing the saturation by 10% instead.


 53.1528, 33.6273,
41.2254

 53.1528, 33.6273,
41.2254

389.1223,
318.4670, 366.9663


 38.1527, 22.6074,
28.1742

 93.9934, 65.3537,
78.2833


 26.2790, 14.3039,
18.2168


 120.5646, 86.8290,
103.1272

 17.1663, 8.3323,
10.9347


 151.7236,
112.5582, 132.7389

 10.4491, 4.3083,
5.9093

 187.8357,
142.9257, 167.5372

 5.7623, 1.8475,
2.7221

229.2662,
178.3160, 207.9406

 2.7404, 0.5165,
0.9545

276.3806,

 1.0180, 0.0000,

219.1133, 254.3675

0.0000

329.5442,
265.7022, 307.2366

■ 0.0000, 0.0000,
0.0000

■ 53.1528, 33.6273,
41.2254

■ 53.1528, 33.6273,
41.2254

■ 49.7481, 28.8546,
33.8113

■ 57.4774, 40.0033,
49.6746

■ 47.1824, 25.5317,
27.3811

■ 62.7875, 48.1072,
59.2023

■ 45.3644, 23.4835,
21.8800

■ 69.1458, 58.0572,
69.8510

■ 44.1461, 22.4226,
17.2327

■ 76.6087, 69.9593,
81.6598

■ 44.1457, 22.4223,
17.2313

■ 85.2283, 83.9117,
94.6661

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.



48.8568, 33.6273, 74.2731



53.1528, 33.6273, 41.2254



50.9383, 33.6273, 19.0271

Triad

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



53.1528, 33.6273, 41.2254



25.0174, 33.6273, 7.1369



22.8102, 33.6273, 96.1963

Complementary

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



53.1528, 33.6273, 41.2254



50.3184, 77.9765, 59.9803

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.



18.4027, 33.6273, 62.6436



53.1528, 33.6273, 41.2254



19.4941, 33.6273, 14.4861

Square

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



53.1528, 33.6273, 41.2254



33.5336, 33.6273, 5.7045



17.3173, 33.6273, 32.3607



30.4398, 33.6273, 114.3969

Rectangle

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



53.1528, 33.6273, 41.2254



46.2550, 33.6273, 11.1151



17.3173, 33.6273, 32.3607



20.9656, 33.6273, 85.7370

Sweetspot

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



53.1537, 33.6290, 41.2260



78.2356, 72.5783, 84.1599



43.0893, 27.1828, 97.5835



16.2414, 14.7236, 17.2372



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.



53.1537, 33.6290, 41.2260



49.1695, 28.0778, 32.4459



49.1778, 33.2977, 16.4078



18.3397, 18.1192, 20.4062



23.1390, 11.7449, 9.3826



2.3067, 1.1651, 1.1966

Inverse Universe

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



53.1537, 33.6290, 41.2260



49.1695, 28.0778, 32.4459



56.8985, 76.7813, 106.4292



18.3397, 18.1192, 20.4062



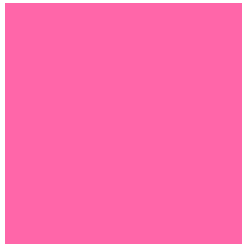
23.1390, 11.7449, 9.3826



2.3067, 1.1651, 1.1966

Previews

White Background



This preview shows how the XYZ color 53.1528, 33.6273, 41.2254 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 53.1528, 33.6273, 41.2254 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 53.1528, 33.6273, 41.2254

Background



This preview shows how black text looks on a background with the XYZ color 53.1528, 33.6273, 41.2254.



This preview shows how white text looks on a background with the XYZ color 53.1528, 33.6273,

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

53.1528, 33.6273, 41.2254

Protanopia

34.2975, 33.8221, 61.8474

Deuteranopia

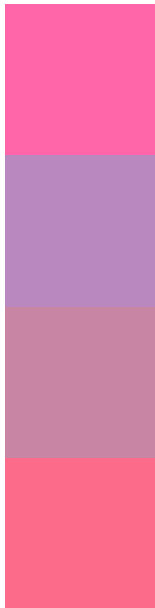
34.2388, 33.5757, 38.3944



Tritanopia

48.9680, 33.4536, 21.6456

Trichromacy



Original Color

53.1528, 33.6273, 41.2254

Protanomaly

38.2157, 31.6842, 53.3917

Deuteranomaly

39.3133, 32.1480, 39.2551

Tritanomaly

50.0949, 33.2555, 27.8234

Monochromacy



Original Color

53.1528, 33.6273, 41.2254

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

36.6352, 31.2228, 37.3534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1528, 33.6273, 41.2254 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 169) }
```

Border

The CSS property to change the border of an element to XYZ 53.1528, 33.6273, 41.2254 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, 169) }
```


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

```
.border{ border-color:rgb(255, 102, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1528, 33.6273, 41.2254 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, 169) }
```

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

```
.background{ background-color: rgb(255,  
102, 169) }
```

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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