

Converting Colors

XYZ(55.1487, 30.2112, 64.7283)

Have a look what the booklet for
XYZ(55.1487, 30.2112, 64.7283)
contains.

XYZ(55.1260, 30.2194, 64.5555)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.1260, 30.2194,
64.5555)**

Conversions

Conversions Part 1

Format	Color
Hex	FF45D3
RGB	255, 69, 211
RGB Percent	100%, 27%, 83%
CMY	0.0000, 0.7294, 0.1725
CMYK	0.00, 0.73, 0.17, 0.00
HSL	314°, 100%, 64%
HSV	314°, 73%, 100%
XYZ	55.1260, 30.2194, 64.5555
YIQ	140.8020, 65.2740, 83.5940

Conversions

Conversions Part 2

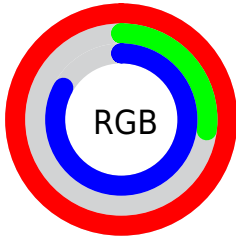
Format	Color
R _{YB}	255, 69, 211
Decimal	16729555
CIE _{Lab}	61.84, 81.44, -33.81
CIE _{LCh}	62, 88.181, 337.458
Yxy	30.2194, 0.3677, 0.2016
Android (android.graphics.Color)	4294919635 (0xFFFF45D3)
YUV	140.8020, 34.6076, 100.1516
Hunter-Lab	54.9722, 82.7982, -31.1455

Details

The XYZ color **55.1260, 30.2194, 64.5555** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **41.1963, 73.9781, 27.7338**, and the grayscale version is **25.0929, 26.3997, 28.7493**.

A 20% lighter version of the original color is **67.6775, 45.2551, 99.7758**, and **28.2489, 13.8696, 32.6407** is the 20% darker color. If you saturate the color by 10%, you get **53.1382, 27.4314, 60.2314**, and if you desaturate by 10%, it is **57.8170, 34.3681, 69.2546**.

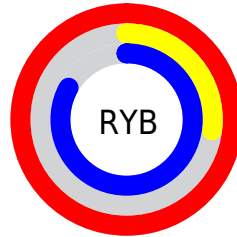
Distribution



Red (100%)

Green (27%)

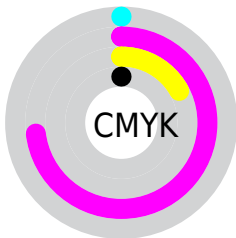
Blue (83%)



Red (100%)

Yellow (27%)

Blue (83%)

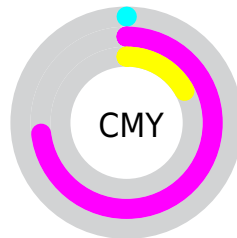


Cyan (0%)

Magenta (73%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1260, 30.2194, 64.5555 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 55.1260, 30.2194, 64.5555 by changing the saturation by 10% instead.

55.1260, 30.2194,
64.5555

55.1260, 30.2194,
64.5555

396.5180,
302.9258, 459.4553

39.7369, 20.0052,
46.6517

96.8728, 60.0090,
113.0177

27.5167, 12.3988,
32.4080

123.9611, 80.3531,
144.4132

18.1003, 7.0159,
21.4059

155.6799,
104.8427, 181.1430

11.1221, 3.4720,
13.2269

192.3945,
133.8621, 223.6256

6.2169, 1.3829,
7.4524

234.4703,
167.7957, 272.2796

3.0193, 0.2040,
3.6639

282.2725,

1.1640, 0.0000,

207.0279, 327.5235

1.4428

336.1667,
251.9432, 389.7759

■ 0.0777, 0.0000,
0.1748

■ 0.0000, 0.0000,
0.0000

■ 55.1260, 30.2194,
64.5555

■ 55.1260, 30.2194,
64.5555

■ 53.1382, 27.4314,
60.2314

■ 57.8170, 34.3681,
69.2546

■ 51.7578, 25.8135,
56.2481

■ 61.2859, 40.0268,
74.3543

■ 51.0536, 25.1854,
53.6075

■ 65.6002, 47.3300,
79.8787

■ 70.8193, 56.3957,
85.8492

■ 76.9970, 67.3314,
92.2851

■ 84.1829, 80.2359,
99.2043

■ 92.4233, 95.2009,
106.6237

■ 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.



44.8140, 30.2194, 115.9053



55.1260, 30.2194, 64.5555



57.5365, 30.2194, 25.1831

Triad

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



55.1260, 30.2194, 64.5555



25.8824, 30.2194, 1.3931



14.2358, 30.2194, 90.2087

Complementary

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



55.1260, 30.2194, 64.5555



41.1963, 73.9781, 27.7338

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.



11.6114, 30.2194, 42.0603



55.1260, 30.2194, 64.5555



17.0340, 30.2194, 3.6038

Square

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



55.1260, 30.2194, 64.5555



38.3083, 30.2194, 1.9998



12.4731, 30.2194, 13.7772



20.8864, 30.2194, 136.5071

Rectangle

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



55.1260, 30.2194, 64.5555



53.8679, 30.2194, 11.1437



12.4731, 30.2194, 13.7772



12.9498, 30.2194, 72.7835

Sweetspot

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



55.1267, 30.2208, 64.5560



77.6267, 68.4553, 92.9125



26.9130, 14.9492, 96.0748



16.2304, 13.9661, 19.5009



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.



55.1267, 30.2208, 64.5560



52.3700, 26.4794, 58.1743



46.6751, 26.8401, 20.0502



18.5981, 18.2225, 21.7666



26.7376, 13.1843, 28.3321



2.6455, 1.3006, 2.9808

Inverse Universe

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



55.1267, 30.2208, 64.5560



52.3700, 26.4794, 58.1743



49.2832, 77.2129, 70.3190



18.5981, 18.2225, 21.7666



26.7376, 13.1843, 28.3321



2.6455, 1.3006, 2.9808

Previews

White Background



This preview shows how the XYZ color 55.1260, 30.2194, 64.5555 looks on a white background.

Color Contrast Check

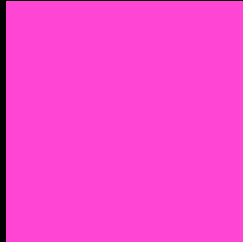
Large Text (above 18pt) WCAG AA × Fail

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 55.1260, 30.2194, 64.5555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

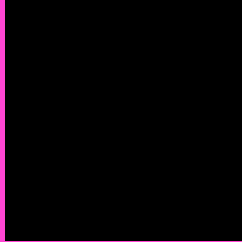
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1260, 30.2194, 64.5555

Background



This preview shows how black text looks on a background with the XYZ color 55.1260, 30.2194, 64.5555.



This preview shows how white text looks on a background with the XYZ color 55.1260, 30.2194,

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

55.1260, 30.2194, 64.5555

Protanopia

33.8084, 30.6025, 98.7327

Deuteranopia

31.0124, 30.2718, 58.8521



Tritanopia

45.4642, 30.1783, 17.6161

Trichromacy



Original Color

55.1260, 30.2194, 64.5555



Protanomaly

36.1590, 26.4580, 84.8625



Deuteranomaly

36.0863, 27.1370, 60.4627



Tritanomaly

47.8339, 29.4964, 29.9603

Monochromacy



Original Color

55.1260, 30.2194, 64.5555



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

32.3051, 24.9597, 39.1914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1260, 30.2194, 64.5555 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, 69, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 211)  
}
```

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, 69, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 211) }
```

Border

The CSS property to change the border of an element to XYZ 55.1260, 30.2194, 64.5555 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, 69, 211) }
```


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

```
.border{ border-color:rgb(255, 69, 211) }
```

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

Here you see how a box with a 4 pixel rgb(255, 69, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1260, 30.2194, 64.5555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 211) }
```

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

```
.background{ background-color: rgb(255, 69,  
211) }
```

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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