

Converting Colors

XYZ(61.6395, 40.7494, 30.9673)

Have a look what the booklet for
XYZ(61.6395, 40.7494, 30.9673)
contains.

XYZ(52.7525, 36.2305, 30.5984)	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(52.7525, 36.2305,
30.5984)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7690
RGB	255, 118, 144
RGB Percent	100%, 46%, 56%
CMY	0.0000, 0.5372, 0.4353
CMYK	0.00, 0.54, 0.44, 0.00
HSL	349°, 100%, 73%
HSV	349°, 54%, 100%
XYZ	52.7525, 36.2305, 30.5984
YIQ	161.9270, 73.3060, 37.1300

Conversions

Conversions Part 2

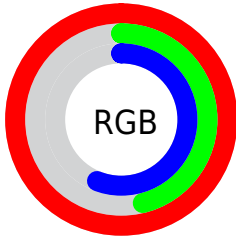
Format	Color
R _Y B	255, 118, 144
Decimal	16742032
CIE Lab	66.70, 54.46, 11.58
CIE LCh	67, 55.672, 12.002
Yxy	36.2305, 0.4411, 0.3030
Android (android.graphics.Color)	4294932112 (0xFFFF7690)
YUV	161.9270, -8.8380, 81.6250
Hunter-Lab	60.1918, 51.1031, 11.9943

Details

The XYZ color **52.7525, 36.2305, 30.5984** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.3761, 81.0296, 86.7502**, and the grayscale version is **34.3258, 36.1134, 39.3275**.

A 20% lighter version of the original color is **66.5691, 55.6093, 60.6512**, and **26.0460, 15.8325, 12.2729** is the 20% darker color. If you saturate the color by 10%, you get **48.7077, 30.4412, 22.1590**, and if you desaturate by 10%, it is **57.8997, 43.7621, 40.8318**.

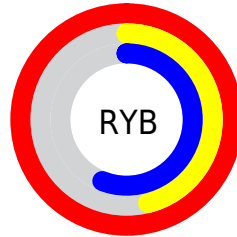
Distribution



Red (100%)

Green (46%)

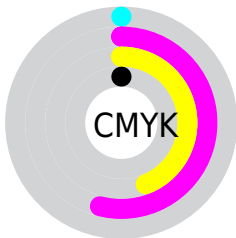
Blue (56%)



Red (100%)

Yellow (46%)

Blue (56%)

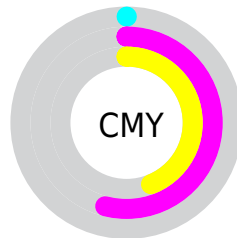


Cyan (0%)

Magenta (54%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7525, 36.2305, 30.5984 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 52.7525, 36.2305, 30.5984 by changing the saturation by 10% instead.


 52.7525, 36.2305,
30.5984


 52.7525, 36.2305,
30.5984


387.6113,
329.9669, 318.9776


 37.8319, 24.6123,
20.0373


 93.4077, 69.3877,
61.6794

 26.0289, 15.7884,
12.2378


 119.8731, 91.6954,
83.0364

 16.9780, 9.3746,
6.7814


 150.9175,
118.3351, 108.8291

 10.3140, 4.9863,
3.2494

186.9061,
149.6912, 139.4761

 5.6715, 2.2392,
1.2233

228.2045,
186.1480, 175.3959

 2.6851, 0.7413,
0.0000

275.1779,

 0.9895, 0.0000,

228.0900, 217.0071

0.0000

328.1917,
275.9015, 264.7281

■ 0.0000, 0.0000,
0.0000

■ 52.7525, 36.2305,
30.5984

■ 52.7525, 36.2305,
30.5984

■ 48.7077, 30.4412,
22.1590

■ 57.8997, 43.7621,
40.8318

■ 45.6796, 26.2481,
15.4061

■ 64.2206, 53.1554,
52.9538

■ 43.5742, 23.4907,
10.2234

■ 71.7839, 64.5256,
67.0547

■ 42.2772, 21.9716,
6.4778

■ 80.6518, 77.9772,
83.2185

■ 41.7814, 21.4766,
4.7812

■ 90.8825, 93.6071,
101.5239

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



52.1742, 36.2305, 55.5186



52.7525, 36.2305, 30.5984



47.8719, 36.2305, 15.9025

Triad

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



52.7525, 36.2305, 30.5984



24.7280, 36.2305, 14.1095



29.6873, 36.2305, 101.7395

Complementary

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



52.7525, 36.2305, 30.5984



57.3761, 81.0296, 86.7502

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.



23.7834, 36.2305, 79.1543



52.7525, 36.2305, 30.5984



21.2569, 36.2305, 26.8243

Square

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



52.7525, 36.2305, 30.5984



31.1884, 36.2305, 9.3142



20.9418, 36.2305, 49.8599



37.9016, 36.2305, 104.1100

Rectangle

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



52.7525, 36.2305, 30.5984



42.5794, 36.2305, 11.0973



20.9418, 36.2305, 49.8599



27.4033, 36.2305, 95.9351

Sweetspot

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



52.7534, 36.2324, 30.5991



78.5142, 74.7252, 79.3513



56.3980, 36.6077, 98.7011



16.4046, 15.3858, 16.2566



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.



52.7534, 36.2324, 30.5991



48.6103, 30.3039, 21.9492



56.9268, 47.4008, 23.2910



18.1502, 18.0434, 19.4079



21.8716, 11.2379, 2.7086



2.1651, 1.1084, 0.4507

Inverse Universe

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



52.7534, 36.2324, 30.5991



48.6103, 30.3039, 21.9492



49.5442, 59.1158, 103.4069



18.1502, 18.0434, 19.4079



21.8716, 11.2379, 2.7086



2.1651, 1.1084, 0.4507

Previews

White Background



This preview shows how the XYZ color 52.7525, 36.2305, 30.5984 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 52.7525, 36.2305, 30.5984 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 52.7525, 36.2305, 30.5984

Background



This preview shows how black text looks on a background with the XYZ color 52.7525, 36.2305, 30.5984.



This preview shows how white text looks on a background with the XYZ color 52.7525, 36.2305,

30.5984.

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

52.7525, 36.2305, 30.5984

Protanopia

35.2981, 36.5603, 42.2422

Deuteranopia

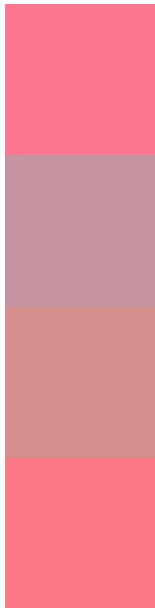
36.9694, 36.1767, 29.0791



Tritanopia

51.6729, 36.3306, 25.0579

Trichromacy



Original Color

52.7525, 36.2305, 30.5984

Protanomaly

39.5629, 34.9313, 37.4581

Deuteranomaly

41.5580, 35.2365, 29.4219

Tritanomaly

51.8926, 36.2250, 26.8113

Monochromacy



Original Color

52.7525, 36.2305, 30.5984

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

38.9602, 34.6601, 35.6470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7525, 36.2305, 30.5984 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, 118, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 144)  
}
```

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, 118, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 144) }
```

Border

The CSS property to change the border of an element to XYZ 52.7525, 36.2305, 30.5984 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, 118, 144) }
```


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

```
.border{ border-color:rgb(255, 118, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7525, 36.2305, 30.5984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 144) }
```

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

```
.background{ background-color: rgb(255,  
118, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor