

Converting Colors

XYZ(65.4852, 53.0691, 61.4377)

Have a look what the booklet for
XYZ(65.4852, 53.0691, 61.4377)
contains.

XYZ(65.4840, 53.0676, 61.4353)	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(65.4840, 53.0676,
61.4353)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA7C8
RGB	255, 167, 200
RGB Percent	100%, 65%, 78%
CMY	0.0000, 0.3451, 0.2157
CMYK	0.00, 0.35, 0.22, 0.00
HSL	338°, 100%, 83%
HSV	338°, 35%, 100%
XYZ	65.4840, 53.0676, 61.4353
YIQ	197.0740, 41.8550, 28.9190

Conversions

Conversions Part 2

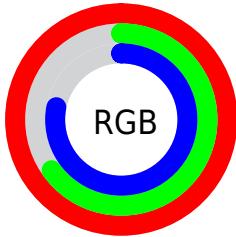
Format	Color
R _Y B	255, 167, 200
Decimal	16754632
CIE _{Lab}	77.91, 36.80, -3.34
CIE _{LCh}	78, 36.953, 354.809
Yxy	53.0676, 0.3638, 0.2948
Android (android.graphics.Color)	4294944712 (0xFFFFA7C8)
YUV	197.0740, 1.4425, 50.8011
Hunter-Lab	72.8475, 32.9739, 0.9916

Details

The XYZ color **65.4840, 53.0676, 61.4353** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.8833, 85.0104, 82.1000**, and the grayscale version is **53.0908, 55.8556, 60.8268**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **34.2316, 25.9803, 30.4046** is the 20% darker color. If you saturate the color by 10%, you get **59.4981, 43.9228, 50.7240**, and if you desaturate by 10%, it is **72.5879, 64.1369, 73.4786**.

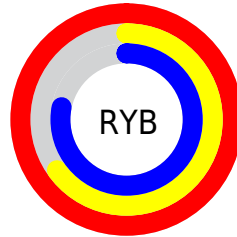
Distribution



Red (100%)

Green (65%)

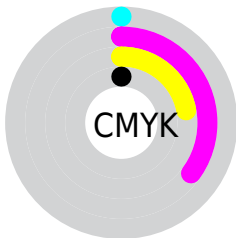
Blue (78%)



Red (100%)

Yellow (65%)

Blue (78%)

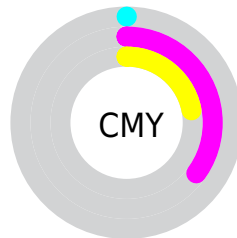


Cyan (0%)

Magenta (35%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4840, 53.0676, 61.4353 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 65.4840, 53.0676, 61.4353 by changing the saturation by 10% instead.


 65.4840, 53.0676,
61.4353


 65.4840, 53.0676,
61.4353


434.0470,
398.5444, 447.8189

 48.1198, 37.8567,
44.1437


 111.8073, 94.7038,
108.4726

 34.1334, 25.8715,
30.4455


 141.4970,
121.8980, 139.0555

 23.1595, 16.7275,
19.9221


176.0260,
153.8554, 174.9058

 14.8327, 10.0404,
12.1549

215.7596,
190.9604, 216.4422

 8.7876, 5.4258,
6.7254

261.0632,
233.5974, 264.0831

 4.6589, 2.4992,
3.2152

312.3020,

 2.0812, 0.8762,

282.1508, 318.2472

1.2055

369.8415,
337.0050, 379.3530

■ 0.6790, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.4840, 53.0676,
61.4353

■ 65.4840, 53.0676,
61.4353

■ 59.4981, 43.9228,
50.7240

■ 72.5879, 64.1369,
73.4786

■ 54.5656, 36.5841,
41.2921

■ 80.8613, 77.2255,
86.8972

■ 50.6218, 30.9312,
33.0880

■ 90.3572, 92.4307,
101.7361

■ 47.5922, 26.8260,
26.0545

95.0500, 100.0000,
108.9000

■ 45.3912, 24.1081,
20.1288

■ 43.9147, 22.5813,
15.2398

■ 43.3337, 22.0975,
12.9552

Harmonies

Analogous

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



62.5907, 53.0676, 83.7098



65.4840, 53.0676, 61.4353



64.0450, 53.0676, 42.7215

Triad

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



65.4840, 53.0676, 61.4353



44.8625, 53.0676, 28.7979



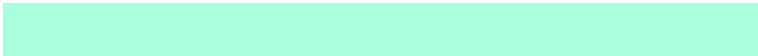
42.8901, 53.0676, 96.5152

Complementary

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



65.4840, 53.0676, 61.4353



64.8833, 85.0104, 82.1000

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.



38.9112, 53.0676, 76.0206



65.4840, 53.0676, 61.4353



39.9719, 53.0676, 37.8503

Square

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



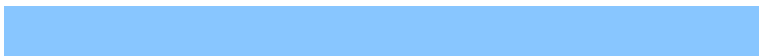
65.4840, 53.0676, 61.4353



51.6993, 53.0676, 26.6601



37.8955, 53.0676, 54.2757



49.1997, 53.0676, 106.8111

Rectangle

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



65.4840, 53.0676, 61.4353



60.8873, 53.0676, 34.1458



37.8955, 53.0676, 54.2757



41.2603, 53.0676, 90.3851

Sweetspot

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



65.4854, 53.0700, 61.4364



84.9870, 83.8114, 93.4070



61.7708, 50.2743, 101.0560



17.9096, 17.4895, 19.5518



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.



65.4854, 53.0700, 61.4364



61.4746, 46.9191, 54.3326



63.9917, 55.6023, 43.9220



18.2911, 18.0997, 20.1499



22.7091, 11.5729, 7.1187



2.2620, 1.1472, 0.9611

Inverse Universe

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



65.4854, 53.0700, 61.4364



61.4746, 46.9191, 54.3326



66.5598, 80.5802, 106.6532



18.2911, 18.0997, 20.1499



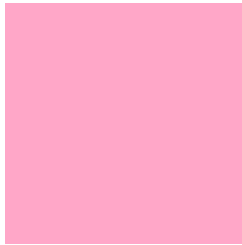
22.7091, 11.5729, 7.1187



2.2620, 1.1472, 0.9611

Previews

White Background



This preview shows how the XYZ color 65.4840, 53.0676, 61.4353 looks on a white background.

Color Contrast Check

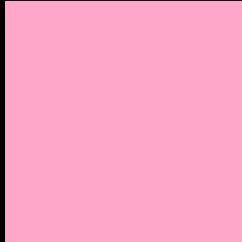
Large Text (above 18pt) WCAG AA × Fail

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 65.4840, 53.0676, 61.4353 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 65.4840, 53.0676, 61.4353

Background



This preview shows how black text looks on a background with the XYZ color 65.4840, 53.0676, 61.4353.



This preview shows how white text looks on a background with the XYZ color 65.4840, 53.0676,

61.4353.

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

65.4840, 53.0676, 61.4353

Protanopia

52.3506, 53.5527, 71.8675

Deuteranopia

54.3125, 53.2278, 59.6360



Tritanopia

63.4300, 53.0510, 51.6965

Trichromacy



Original Color

65.4840, 53.0676, 61.4353



Protanomaly

56.2979, 52.8163, 68.2001



Deuteranomaly

57.7633, 52.8425, 59.9785



Tritanomaly

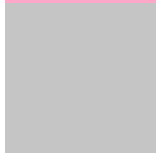
64.2463, 53.1209, 55.0113

Monochromacy



Original Color

65.4840, 53.0676, 61.4353



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.6654, 54.1005, 60.8819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4840, 53.0676, 61.4353 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, 167, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 200)  
}
```

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, 167, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 200) }
```

Border

The CSS property to change the border of an element to XYZ 65.4840, 53.0676, 61.4353 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, 167, 200) }
```


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

```
.border{ border-color:rgb(255, 167, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4840, 53.0676, 61.4353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 200) }
```

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

```
.background{ background-color: rgb(255,  
167, 200) }
```

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