

Converting Colors

XYZ(51.0958, 40.5632, 54.8786)

Have a look what the booklet for
XYZ(51.0958, 40.5632, 54.8786)
contains.

XYZ(51.1573, 40.5323, 54.9964)	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(51.1573, 40.5323,
54.9964)**

Conversions

Conversions Part 1

Format	Color
Hex	E292C0
RGB	226, 146, 192
RGB Percent	89%, 57%, 75%
CMY	0.1137, 0.4274, 0.2471
CMYK	0.00, 0.35, 0.15, 0.11
HSL	326°, 58%, 73%
HSV	326°, 35%, 89%
XYZ	51.1573, 40.5323, 54.9964
YIQ	175.1640, 32.9140, 31.2660

Conversions

Conversions Part 2

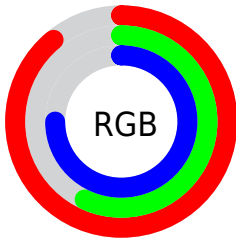
Format	Color
R _Y B	226, 146, 192
Decimal	14848704
CIE Lab	69.85, 36.69, -11.27
CIE LCh	70, 38.378, 342.930
Yxy	40.5323, 0.3488, 0.2763
Android (android.graphics.Color)	4293038784 (0xFFE292C0)
YUV	175.1640, 8.3001, 44.5832
Hunter-Lab	63.6650, 32.0180, -6.6516

Details

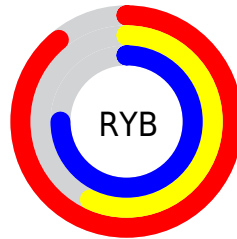
The XYZ color **51.1573, 40.5323, 54.9964** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **47.2903, 63.8000, 53.0051**, and the grayscale version is **40.7800, 42.9037, 46.7221**.

A 20% lighter version of the original color is **79.0699, 69.8106, 98.1143**, and **25.0251, 18.3045, 26.6403** is the 20% darker color. If you saturate the color by 10%, you get **46.9820, 33.8294, 48.5240**, and if you desaturate by 10%, it is **56.0931, 48.6439, 62.0659**.

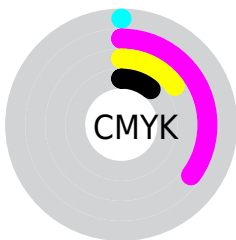
Distribution



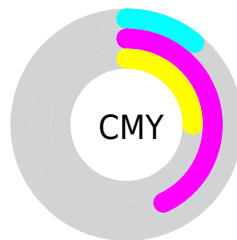
- Red (89%)
- Green (57%)
- Blue (75%)



- Red (89%)
- Yellow (57%)
- Blue (75%)



- Cyan (0%)
- Magenta (35%)
- Yellow (15%)
- Black (11%)





- Cyan (11%)
- Magenta (43%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1573, 40.5323, 54.9964 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 51.1573, 40.5323, 54.9964 by changing the saturation by 10% instead.


 51.1573, 40.5323,
54.9964


 51.1573, 40.5323,
54.9964


381.5522,
348.3621, 423.1798

 36.5554, 27.9538,
39.0003


 91.0689, 75.9734,
99.0068

 25.0355, 18.2908,
26.4521


 117.1092, 99.6048,
127.8581

 16.2324, 11.1590,
16.9334


147.6930,
127.6893, 161.8316

 9.7806, 6.1739,
10.0255

183.1857,
160.6113, 201.3457

 5.3149, 2.9511,
5.3101

223.9526,
198.7552, 246.8190

 2.4698, 1.1063,
2.3684

270.3591,

 0.8801, 0.0000,

242.5053, 298.6702

0.7692

322.7705,
292.2462, 357.3176

■ 0.0000, 0.0000,
0.0000

■ 51.1573, 40.5323,
54.9964

■ 51.1573, 40.5323,
54.9964

■ 46.9820, 33.8294,
48.5240

■ 56.0931, 48.6439,
62.0659

■ 43.5215, 28.4475,
42.6257

■ 61.8244, 58.2341,
69.7492

■ 40.7306, 24.2978,
37.2802

■ 68.3885, 69.3745,
78.0654

■ 38.5570, 21.2782,
32.4631

■ 75.8191, 82.1307,
87.0315

■ 36.9402, 19.2697,
28.1473

■ 82.8566, 93.9818,
96.2337

■ 35.8059, 18.1263,
24.3005

■ 84.3222, 94.5680,
103.9512

■ 35.3898, 17.7791,
22.6662

■ 85.1742, 94.9088,
108.4378

Harmonies

Analogous

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



47.2794, 40.5323, 74.3426



51.1573, 40.5323, 54.9964



51.4285, 40.5323, 36.8882

Triad

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



51.1573, 40.5323, 54.9964



35.9043, 40.5323, 18.4169



30.3977, 40.5323, 71.8874

Complementary

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



51.1573, 40.5323, 54.9964



47.2903, 63.8000, 53.0051

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.



27.9829, 40.5323, 52.2687



51.1573, 40.5323, 54.9964



30.9235, 40.5323, 23.4670

Square

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



51.1573, 40.5323, 54.9964



42.1516, 40.5323, 18.7777



28.1644, 40.5323, 34.8032



35.1121, 40.5323, 85.7567

Rectangle

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



51.1573, 40.5323, 54.9964



49.4871, 40.5323, 27.9776



28.1644, 40.5323, 34.8032



29.3141, 40.5323, 65.5490

Sweetspot

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



51.1585, 40.5342, 54.9972



84.8849, 82.6466, 96.3343



42.6757, 35.6744, 76.5885



17.9212, 17.2702, 20.3034



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.



51.1585, 40.5342, 54.9972



63.3824, 47.0357, 66.3719



47.3667, 39.0174, 35.0297



14.0359, 13.8320, 15.9592



20.2504, 10.1671, 13.2501



1.4482, 0.7225, 1.1528

Inverse Universe

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



51.1585, 40.5342, 54.9972



63.3824, 47.0357, 66.3719



51.8818, 65.6366, 77.1835



14.0359, 13.8320, 15.9592



20.2504, 10.1671, 13.2501



1.4482, 0.7225, 1.1528

Previews

White Background



This preview shows how the XYZ color 51.1573, 40.5323, 54.9964 looks on a white background.

Color Contrast Check

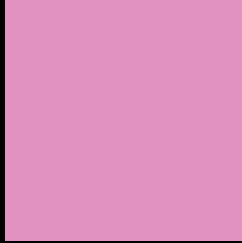
Large Text (above 18pt) WCAG AA × Fail

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 51.1573, 40.5323, 54.9964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

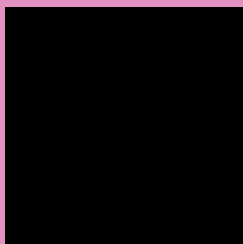
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1573, 40.5323, 54.9964

Background



This preview shows how black text looks on a background with the XYZ color 51.1573, 40.5323, 54.9964.



This preview shows how white text looks on a background with the XYZ color 51.1573, 40.5323,

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

51.1573, 40.5323, 54.9964

Protanopia

40.6774, 40.7165, 65.3897

Deuteranopia

41.5357, 40.6066, 53.2256



Tritanopia

48.1089, 40.4655, 39.9253

Trichromacy



Original Color

51.1573, 40.5323, 54.9964



Protanomaly

43.6552, 40.1931, 61.3343



Deuteranomaly

44.6094, 40.3407, 53.5795



Tritanomaly

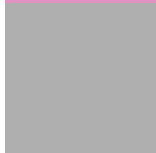
49.1279, 40.3982, 45.2527

Monochromacy



Original Color

51.1573, 40.5323, 54.9964



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

43.8641, 41.3564, 49.3868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1573, 40.5323, 54.9964 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(226, 146, 192)` looks like.

```
.text, #text, p{  
    color:rgb(226, 146, 192)  
}
```

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(226, 146, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 146, 192) }
```

Border

The CSS property to change the border of an element to XYZ 51.1573, 40.5323, 54.9964 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(226, 146, 192) }
```


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

```
.border{ border-color:rgb(226, 146, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 146, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 146, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 146, 192); box-shadow:4px 4px 4px 4px rgb(226, 146, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1573, 40.5323, 54.9964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 146, 192) }
```

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

```
.background{ background-color: rgb(226,  
146, 192) }
```

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