

Converting Colors

XYZ(14.5599, 12.9206, 27.0594)

Have a look what the booklet for
XYZ(14.5599, 12.9206, 27.0594)
contains.

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Color

**XYZ(14.5193, 12.8716,
26.9185)**

Conversions

Conversions Part 1

Format	Color
Hex	685E8D
RGB	104, 94, 141
RGB Percent	41%, 37%, 55%
CMY	0.5922, 0.6314, 0.4471
CMYK	0.26, 0.33, 0.00, 0.45
HSL	253°, 20%, 46%
HSV	253°, 33%, 55%
XYZ	14.5193, 12.8716, 26.9185
YIQ	102.3480, -9.1270, 16.7370

Conversions

Conversions Part 2

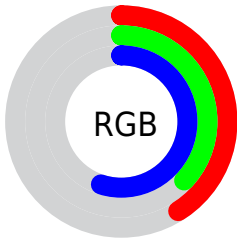
Format	Color
RYB	104, 94, 141
Decimal	6839949
CIELab	42.57, 14.83, -24.54
CIELCh	43, 28.676, 301.143
Yxy	12.8716, 0.2673, 0.2370
Android (android.graphics.Color)	4285030029 (0xFF685E8D)
YUV	102.3480, 19.0554, 1.4488
Hunter-Lab	35.8770, 9.4535, -19.3713

Details

The XYZ color **14.5193, 12.8716, 26.9185** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.9059, 24.6836, 14.2529**, and the grayscale version is **12.6741, 13.3341, 14.5209**.

A 20% lighter version of the original color is **33.5339, 30.9546, 55.8372**, and **4.5208, 3.6815, 10.3698** is the 20% darker color. If you saturate the color by 10%, you get **12.1734, 9.9682, 26.4819**, and if you desaturate by 10%, it is **17.2647, 16.3216, 27.4399**.

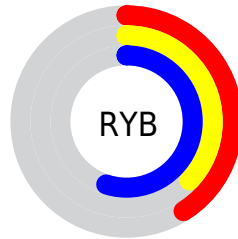
Distribution



Red (41%)

Green (37%)

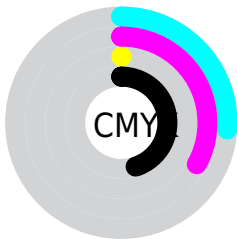
Blue (55%)



Red (41%)

Yellow (37%)

Blue (55%)

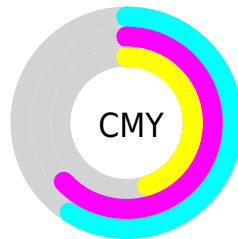


Cyan (26%)

Magenta (33%)

Yellow (0%)

Black (45%)



Cyan (59%)

Magenta (63%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5193, 12.8716, 26.9185 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 14.5193, 12.8716, 26.9185 by changing the saturation by 10% instead.

■ 14.5193, 12.8716,
26.9185

■ 14.5193, 12.8716,
26.9185

213.8845,
210.0931, 301.0100

■ 8.5668, 7.3402,
17.2801

■ 33.5863, 31.0729,
55.7552

■ 4.5146, 3.6757,
10.2703

■ 47.4315, 44.5116,
75.7906

■ 1.9972, 1.4939,
5.4706

■ 64.6384, 61.3549,
100.1288

■ 0.6324, 0.2844,
2.4624

■ 85.5722, 81.9870,
129.1883

■ 0.0000, 0.0000,
0.8201

110.5984,
106.7926, 163.3876

■ 0.0000, 0.0000,
0.0000

140.0822,

136.1558, 203.1453

174.3892,
170.4612, 248.8799

■ 14.5193, 12.8716,
26.9185

■ 14.5193, 12.8716,
26.9185

■ 12.1734, 9.9682,
26.4819

■ 17.2647, 16.3216,
27.4399

■ 10.2068, 7.5814,
26.1249

■ 20.4262, 20.3430,
28.0495

■ 8.5991, 5.6809,
25.8428

■ 24.0208, 24.9608,
28.7514

■ 7.3276, 4.2323,
25.6302

■ 28.0642, 30.1981,
29.5492

■ 6.3668, 3.1966,
25.4809

■ 32.5715, 36.0769,
30.4463

■ 5.6871, 2.5279,
25.3877

■ 37.5567, 42.6179,
31.4461

■ 5.3431, 2.1991,
25.3424

■ 43.0337, 49.8409,
32.5516

■ 49.0153, 57.7651,
33.7659

■ 55.5144, 66.4088,
35.0918

Harmonies

Analogous

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



12.3174, 12.8716, 29.6619



14.5193, 12.8716, 26.9185



16.2606, 12.8716, 20.6030

Triad

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



14.5193, 12.8716, 26.9185



14.3584, 12.8716, 5.9432



8.5214, 12.8716, 14.2546

Complementary

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



14.5193, 12.8716, 26.9185



20.9059, 24.6836, 14.2529

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.



8.9340, 12.8716, 9.0064



14.5193, 12.8716, 26.9185



12.1511, 12.8716, 5.1462

Square

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



14.5193, 12.8716, 26.9185



16.1603, 12.8716, 8.7026



10.2022, 12.8716, 6.0786



9.0016, 12.8716, 21.1411

Rectangle

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



14.5193, 12.8716, 26.9185



16.8329, 12.8716, 15.9348



10.2022, 12.8716, 6.0786



8.5599, 12.8716, 12.2559

Sweetspot

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



14.5197, 12.8721, 26.9188



38.5018, 38.8920, 50.6055



17.6214, 20.6974, 28.2658



8.4280, 8.4668, 11.2695



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.5197, 12.8721, 26.9188



22.7754, 19.0495, 47.6044



17.5484, 14.4334, 27.0605



5.2302, 5.3069, 6.7774



4.8835, 2.0111, 23.1079



0.0623, 0.0273, 0.2217

Inverse Universe

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



19.0844, 15.3074, 23.4223



32.3304, 24.1537, 39.9924



17.7422, 23.0527, 14.1048



5.5778, 5.4916, 6.5407



12.6381, 6.2123, 14.2775



0.1288, 0.0626, 0.1782

Previews

White Background



This preview shows how the XYZ color 14.5193, 12.8716, 26.9185 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 14.5193, 12.8716, 26.9185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5193, 12.8716, 26.9185

Background



This preview shows how black text looks on a background with the XYZ color 14.5193, 12.8716, 26.9185.

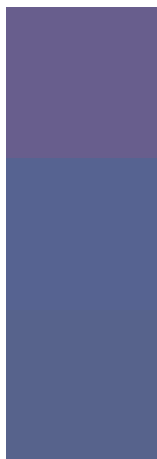


This preview shows how white text looks on a background with the XYZ color 14.5193, 12.8716,

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

14.5193, 12.8716, 26.9185

Protanopia

13.4104, 12.9464, 28.5802

Deuteranopia

13.1259, 12.8434, 26.5981



Tritanopia

12.3009, 12.7937, 16.0085

Trichromacy



Original Color

14.5193, 12.8716, 26.9185

Protanomaly

13.8229, 12.8902, 28.1451

Deuteranomaly

13.5225, 12.7700, 26.5631

Tritanomaly

13.0134, 12.8008, 19.5542

Monochromacy



Original Color

14.5193, 12.8716, 26.9185

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.2077, 13.0682, 18.3493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5193, 12.8716, 26.9185 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(104, 94, 141)` looks like.

```
.text, #text, p{  
    color:rgb(104, 94, 141)  
}
```

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(104, 94, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 94, 141) }
```

Border

The CSS property to change the border of an element to XYZ 14.5193, 12.8716, 26.9185 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(104, 94, 141) }
```


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

```
.border{ border-color:rgb(104, 94, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 94, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 94, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 94, 141);  
box-shadow:4px 4px 4px 4px rgb(104, 94,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5193, 12.8716, 26.9185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 94, 141) }
```

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

```
.background{ background-color: rgb(104, 94,  
141) }
```

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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