

Converting Colors

XYZ(14.5934, 14.1812, 28.6758)

Have a look what the booklet for
XYZ(14.5934, 14.1812, 28.6758)
contains.

XYZ(14.5772, 14.1245, 28.7461)	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(14.5772, 14.1245,
28.7461)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6791
RGB	94, 103, 145
RGB Percent	37%, 40%, 57%
CMY	0.6314, 0.5961, 0.4314
CMYK	0.35, 0.29, 0.00, 0.43
HSL	229°, 21%, 47%
HSV	229°, 35%, 57%
XYZ	14.5772, 14.1245, 28.7461
YIQ	105.0970, -18.8460, 11.1540

Conversions

Conversions Part 2

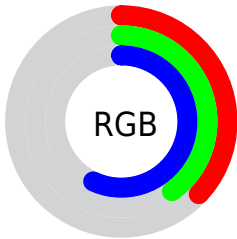
Format	Color
R_{YB}	94, 102, 145
Decimal	6186897
CIE _{Lab}	44.41, 7.25, -24.15
CIE _{LCh}	44, 25.210, 286.705
Yxy	14.1245, 0.2537, 0.2459
Android (android.graphics.Color)	4284376977 (0xFF5E6791)
YUV	105.0970, 19.6722, -9.7321
Hunter-Lab	37.5826, 3.4655, -19.0418

Details

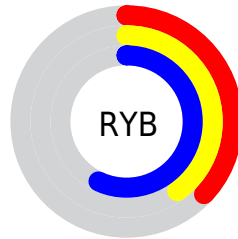
The XYZ color **14.5772, 14.1245, 28.7461** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.5020, 24.4367, 14.1211**, and the grayscale version is **13.4060, 14.1041, 15.3594**.

A 20% lighter version of the original color is **33.7185, 33.3457, 58.6920**, and **4.5167, 4.1944, 11.1612** is the 20% darker color. If you saturate the color by 10%, you get **12.1236, 11.2208, 28.3152**, and if you desaturate by 10%, it is **17.4808, 17.5126, 29.2473**.

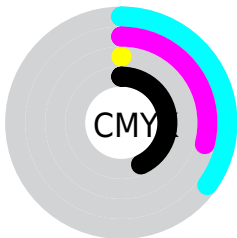
Distribution



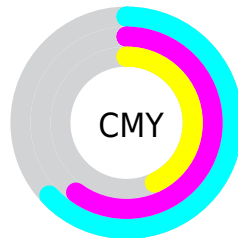
- Red (37%)
- Green (40%)
- Blue (57%)



- Red (37%)
- Yellow (40%)
- Blue (57%)



- Cyan (35%)
- Magenta (29%)
- Yellow (0%)
- Black (43%)



- Cyan (63%)
- Magenta (60%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5772, 14.1245, 28.7461 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 14.5772, 14.1245, 28.7461 by changing the saturation by 10% instead.

■ 14.5772, 14.1245,
28.7461

■ 14.5772, 14.1245,
28.7461

214.2322,
218.0040, 310.0385

■ 8.6076, 8.2073,
18.6449

■ 33.6875, 33.3098,
58.7108

■ 4.5412, 4.2279,
11.2398

■ 47.5589, 47.3466,
79.4114

■ 2.0126, 1.8018,
6.1122

■ 64.7950, 64.8589,
104.4822

■ 0.6410, 0.4883,
2.8435

■ 85.7610, 86.2308,
134.3418

■ 0.0000, 0.0000,
1.0153

110.8224,
111.8469, 169.4087

■ 0.0000, 0.0000,
0.0000

140.3445,

142.0915, 210.1014

174.6926,
177.3491, 256.8385

■ 14.5772, 14.1245,
28.7461

■ 14.5772, 14.1245,
28.7461

■ 12.1236, 11.2208,
28.3152

■ 17.4808, 17.5126,
29.2473

■ 10.0956, 8.7774,
27.9505

■ 20.8541, 21.4045,
29.8207

■ 8.4689, 6.7708,
27.6489

■ 24.7175, 25.8202,
30.4694

■ 7.2160, 5.1744,
27.4068

■ 29.0895, 30.7784,
31.1960

■ 6.3055, 3.9586,
27.2201

■ 33.9879, 36.2968,
32.0030

■ 5.6978, 3.0881,
27.0841

■ 39.4296, 42.3923,
32.8927

■ 5.4712, 2.7650,
27.0337

■ 45.4305, 49.0811,
33.8675

■ 52.0062, 56.3786,
34.9295

■ 59.1714, 64.2998,
36.0808

Harmonies

Analogous

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



12.5480, 14.1245, 29.0079



14.5772, 14.1245, 28.7461



16.4676, 14.1245, 24.3784

Triad

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



14.5772, 14.1245, 28.7461



16.2803, 14.1245, 8.5992



9.9765, 14.1245, 12.9514

Complementary

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



14.5772, 14.1245, 28.7461



22.5020, 24.4367, 14.1211

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.



10.7822, 14.1245, 8.9220



14.5772, 14.1245, 28.7461



14.3417, 14.1245, 6.8703

Square

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



14.5772, 14.1245, 28.7461



17.5166, 14.1245, 12.3874



12.3350, 14.1245, 6.9713



10.0259, 14.1245, 18.8176

Rectangle

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



14.5772, 14.1245, 28.7461



17.3342, 14.1245, 20.2316



12.3350, 14.1245, 6.9713



10.1526, 14.1245, 11.3722

Sweetspot

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



14.5777, 14.1250, 28.7464



39.9667, 41.3349, 53.8455



19.1610, 24.3985, 26.8622



8.7128, 8.9914, 11.9485



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.5777, 14.1250, 28.7464



22.6510, 21.2139, 50.8744



15.5632, 13.3750, 28.5497



5.2018, 5.3994, 6.7968



4.7073, 2.4006, 23.1923



0.0566, 0.0461, 0.2256

Inverse Universe

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



18.1284, 15.0050, 14.7732



30.0305, 23.2541, 21.7865



21.1767, 25.7147, 14.4376



5.4453, 5.4387, 5.8431



10.1791, 5.2287, 1.3287



0.1032, 0.0523, 0.0434

Previews

White Background



This preview shows how the XYZ color 14.5772, 14.1245, 28.7461 looks on a white background.

Color Contrast Check

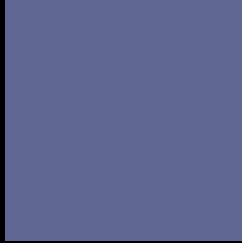
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5772, 14.1245, 28.7461 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

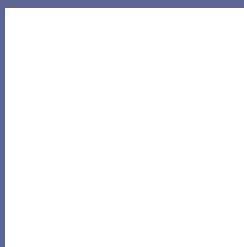
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5772, 14.1245, 28.7461

Background



This preview shows how black text looks on a background with the XYZ color 14.5772, 14.1245, 28.7461.

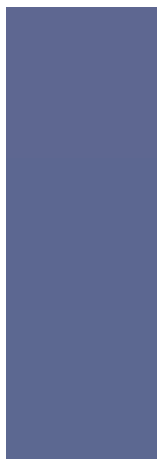


This preview shows how white text looks on a background with the XYZ color 14.5772, 14.1245,

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

14.5772, 14.1245, 28.7461

Protanopia

14.3747, 14.0201, 28.7366

Deuteranopia

14.4748, 14.2203, 28.7699



Tritanopia

12.5980, 14.0842, 18.8842

Trichromacy



Original Color

14.5772, 14.1245, 28.7461

Protanomaly

14.4753, 14.0720, 28.7413

Deuteranomaly

14.5754, 14.2721, 28.7747

Tritanomaly

13.2012, 14.0140, 22.0879

Monochromacy



Original Color

14.5772, 14.1245, 28.7461

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.7073, 14.0234, 19.7536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5772, 14.1245, 28.7461 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(94, 103, 145) looks like.

```
.text, #text, p{  
    color:rgb(94, 103, 145)  
}
```

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(94, 103, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 103, 145) }
```

Border

The CSS property to change the border of an element to XYZ 14.5772, 14.1245, 28.7461 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(94, 103, 145) }
```


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

```
.border{ border-color:rgb(94, 103, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 103, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 103, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 103, 145);  
box-shadow:4px 4px 4px 4px rgb(94, 103,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5772, 14.1245, 28.7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 103, 145) }
```

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

```
.background{ background-color: rgb(94, 103,  
145) }
```

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