

Converting Colors

XYZ(14.5123, 14.0303, 28.4033)

Have a look what the booklet for
XYZ(14.5123, 14.0303, 28.4033)
contains.

XYZ(14.5004, 14.0938, 28.3417)	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(14.5004, 14.0938,
28.3417)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6790
RGB	94, 103, 144
RGB Percent	37%, 40%, 56%
CMY	0.6314, 0.5961, 0.4353
CMYK	0.35, 0.28, 0.00, 0.44
HSL	229°, 21%, 47%
HSV	229°, 35%, 56%
XYZ	14.5004, 14.0938, 28.3417
YIQ	104.9830, -18.5250, 10.8430

Conversions

Conversions Part 2

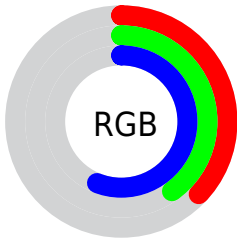
Format	Color
R _Y B	94, 102, 144
Decimal	6186896
CIE Lab	44.37, 6.96, -23.62
CIE LCh	44, 24.623, 286.430
Yxy	14.0938, 0.2547, 0.2475
Android (android.graphics.Color)	4284376976 (0xFF5E6790)
YUV	104.9830, 19.2354, -9.6321
Hunter-Lab	37.5417, 3.2472, -18.4811

Details

The XYZ color **14.5004, 14.0938, 28.3417** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.1863, 24.0658, 14.0661**, and the grayscale version is **13.3762, 14.0728, 15.3253**.

A 20% lighter version of the original color is **33.6027, 33.2994, 58.0825**, and **4.4721, 4.1765, 10.9264** is the 20% darker color. If you saturate the color by 10%, you get **12.0666, 11.2172, 27.9150**, and if you desaturate by 10%, it is **17.3766, 17.4453, 28.8373**.

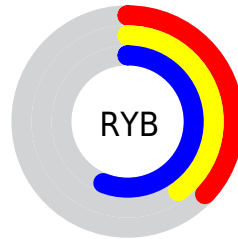
Distribution



Red (37%)

Green (40%)

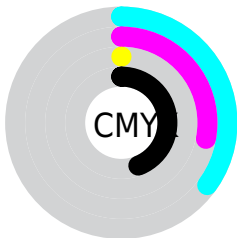
Blue (56%)



Red (37%)

Yellow (40%)

Blue (56%)

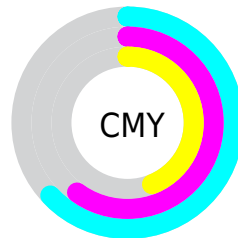


Cyan (35%)

Magenta (28%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5004, 14.0938, 28.3417 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 14.5004, 14.0938, 28.3417 by changing the saturation by 10% instead.

■ 14.5004, 14.0938,
28.3417

■ 14.5004, 14.0938,
28.3417

213.7709,
217.8136, 308.0593

■ 8.5535, 8.1859,
18.3421

■ 33.5532, 33.2554,
58.0592

■ 4.5059, 4.2142,
11.0239

■ 47.3899, 47.2779,
78.6141

■ 1.9921, 1.7941,
5.9685

■ 64.5872, 64.7740,
103.5247

■ 0.6295, 0.4835,
2.7575

■ 85.5105, 86.1282,
133.2092

■ 0.0000, 0.0000,
0.9722

110.5252,
111.7249, 168.0865

■ 0.0000, 0.0000,
0.0000

139.9966,

141.9484, 208.5748

174.2900,
177.1832, 255.0929

■ 14.5004, 14.0938,
28.3417

■ 14.5004, 14.0938,
28.3417

■ 12.0666, 11.2172,
27.9150

■ 17.3766, 17.4453,
28.8373

■ 10.0514, 8.7922,
27.5531

■ 20.7144, 21.2903,
29.4035

■ 8.4311, 6.7957,
27.2532

■ 24.5336, 25.6486,
30.0435

■ 7.1788, 5.2021,
27.0116

■ 28.8525, 30.5383,
30.7596

■ 6.2643, 3.9827,
26.8244

■ 33.6883, 35.9765,
31.5544

■ 5.6499, 3.1040,
26.6872

■ 39.0576, 41.9797,
32.4302

■ 5.4017, 2.7489,
26.6317

■ 44.9759, 48.5636,
33.3891

■ 51.4584, 55.7433,
34.4332

■ 58.5196, 63.5334,
35.5647

Harmonies

Analogous

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



12.5231, 14.0938, 28.5540



14.5004, 14.0938, 28.3417



16.3442, 14.0938, 24.1427

Triad

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



14.5004, 14.0938, 28.3417



16.1915, 14.0938, 8.7301



10.0287, 14.0938, 12.9296

Complementary

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



14.5004, 14.0938, 28.3417



22.1863, 24.0658, 14.0661

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.



10.8250, 14.0938, 8.9967



14.5004, 14.0938, 28.3417



14.3079, 14.0938, 7.0068

Square

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



14.5004, 14.0938, 28.3417



17.3844, 14.0938, 12.4668



12.3486, 14.0938, 7.0905



10.0692, 14.0938, 18.6370

Rectangle

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



14.5004, 14.0938, 28.3417



17.1924, 14.0938, 20.1257



12.3486, 14.0938, 7.0905



10.2037, 14.0938, 11.3898

Sweetspot

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



14.5009, 14.0943, 28.3420



39.4698, 40.9081, 52.3538



18.9512, 24.0711, 26.5079



8.8596, 9.1621, 11.9737



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.



14.5009, 14.0943, 28.3420



22.0236, 20.6665, 49.3663



15.4469, 13.3239, 28.1435



5.2033, 5.4023, 6.7973



4.7172, 2.4203, 23.1956



0.0569, 0.0467, 0.2257

Inverse Universe

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



17.9529, 14.9145, 14.7651



29.1606, 22.5822, 21.2472



20.9212, 25.3571, 14.3820



5.4461, 5.4390, 5.8470



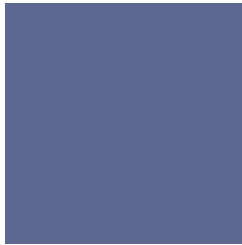
10.1841, 5.2307, 1.3549



0.1033, 0.0524, 0.0442

Previews

White Background



This preview shows how the XYZ color 14.5004, 14.0938, 28.3417 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 14.5004, 14.0938, 28.3417 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

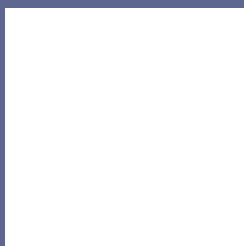
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5004, 14.0938, 28.3417

Background



This preview shows how black text looks on a background with the XYZ color 14.5004, 14.0938, 28.3417.



This preview shows how white text looks on a background with the XYZ color 14.5004, 14.0938,

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

14.5004, 14.0938, 28.3417

Protanopia

14.3985, 14.0413, 28.3369

Deuteranopia

14.2979, 13.9894, 28.3322



Tritanopia

12.5980, 14.0842, 18.8842

Trichromacy



Original Color

14.5004, 14.0938, 28.3417

Protanomaly

14.3985, 14.0413, 28.3369

Deuteranomaly

14.3985, 14.0413, 28.3369

Tritanomaly

13.2012, 14.0140, 22.0879

Monochromacy



Original Color

14.5004, 14.0938, 28.3417

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.6469, 13.9992, 19.4356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5004, 14.0938, 28.3417 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, 144) looks like.

```
.text, #text, p{  
    color:rgb(94, 103, 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(94, 103, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 103, 144) }
```

Border

The CSS property to change the border of an element to XYZ 14.5004, 14.0938, 28.3417 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, 144) }
```


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

```
.border{ border-color:rgb(94, 103, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 103, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 103, 144);  
box-shadow:4px 4px 4px 4px rgb(94, 103,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5004, 14.0938, 28.3417 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, 144) }
```

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

```
.background{ background-color: rgb(94, 103,  
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](#).

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