

Converting Colors

XYZ(14.7649, 13.7387, 28.2595)

Have a look what the booklet for
XYZ(14.7649, 13.7387, 28.2595)
contains.

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Color

**XYZ(14.8467, 13.8373,
28.2739)**

Conversions

Conversions Part 1

Format	Color
Hex	646490
RGB	100, 100, 144
RGB Percent	39%, 39%, 56%
CMY	0.6078, 0.6078, 0.4353
CMYK	0.31, 0.31, 0.00, 0.44
HSL	240°, 18%, 48%
HSV	240°, 31%, 56%
XYZ	14.8467, 13.8373, 28.2739
YIQ	105.0160, -14.1240, 13.6840

Conversions

Conversions Part 2

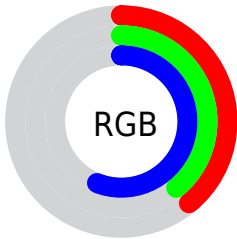
Format	Color
R _Y B	100, 100, 144
Decimal	6579344
CIE Lab	44.00, 10.66, -24.15
CIE LCh	44, 26.400, 293.822
Yxy	13.8373, 0.2607, 0.2429
Android (android.graphics.Color)	4284769424 (0xFF646490)
YUV	105.0160, 19.2191, -4.3990
Hunter-Lab	37.1985, 6.1456, -19.0263

Details

The XYZ color **14.8467, 13.8373, 28.2739** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.7752, 26.7959, 15.9760**, and the grayscale version is **13.3843, 14.0813, 15.3346**.

A 20% lighter version of the original color is **34.2085, 32.8858, 57.9707**, and **4.6602, 4.1325, 10.9080** is the 20% darker color. If you saturate the color by 10%, you get **12.1314, 10.5655, 27.7857**, and if you desaturate by 10%, it is **18.0886, 17.7436, 28.8573**.

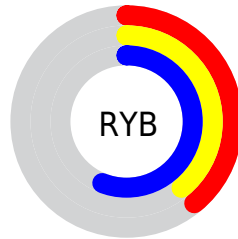
Distribution



Red (39%)

Green (39%)

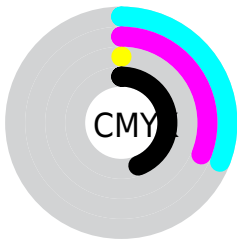
Blue (56%)



Red (39%)

Yellow (39%)

Blue (56%)

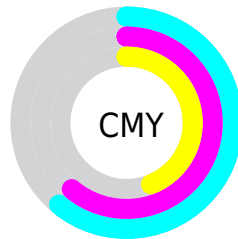


Cyan (31%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8467, 13.8373, 28.2739 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 14.8467, 13.8373, 28.2739 by changing the saturation by 10% instead.

■ 14.8467, 13.8373,
28.2739

■ 14.8467, 13.8373,
28.2739

215.8433,
216.2163, 307.7264

■ 8.7975, 8.0076,
18.2914

■ 34.1579, 32.8001,
57.9498

■ 4.6654, 4.0998,
10.9878

■ 48.1506, 46.7019,
78.4803

■ 2.0850, 1.7295,
5.9446

■ 65.5218, 64.0633,
103.3638

■ 0.6810, 0.4427,
2.7432

■ 86.6369, 85.2685,
133.0189

■ 0.0000, 0.0000,
0.9650

111.8612,
110.7020, 167.8642

■ 0.0000, 0.0000,
0.0000

141.5602,

140.7482, 208.3182

176.0991,
175.7915, 254.7994

■ 14.8467, 13.8373,
28.2739

■ 14.8467, 13.8373,
28.2739

■ 12.1314, 10.5655,
27.7857

■ 18.0886, 17.7436,
28.8573

■ 9.9136, 7.8932,
27.3868

■ 21.8814, 22.3136,
29.5395

■ 8.1635, 5.7845,
27.0720

■ 26.2495, 27.5768,
30.3251

■ 6.8478, 4.1991,
26.8354

■ 31.2154, 33.5603,
31.2183

■ 5.9283, 3.0912,
26.6700

■ 36.8005, 40.2900,
32.2229

■ 5.3608, 2.4074,
26.5679

■ 43.0250, 47.7901,
33.3425

■ 5.0341, 2.0137,
26.5091

■ 49.9084, 56.0841,
34.5806

■ 57.4692, 65.1943,
35.9406

■ 65.7252, 75.1421,
37.4256

Harmonies

Analogous

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



12.7232, 13.8373, 29.6901



14.8467, 13.8373, 28.2739



16.6783, 13.8373, 22.9527

Triad

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



14.8467, 13.8373, 28.2739



15.6756, 13.8373, 7.5419



9.5403, 13.8373, 13.8589

Complementary

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



14.8467, 13.8373, 28.2739



23.7752, 26.7959, 15.9760

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.



10.1614, 13.8373, 9.2317



14.8467, 13.8373, 28.2739



13.5902, 13.8373, 6.2621

Square

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



14.8467, 13.8373, 28.2739



17.1913, 13.8373, 10.8712



11.5913, 13.8373, 6.7861



9.8008, 13.8373, 20.2221

Rectangle

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



14.8467, 13.8373, 28.2739



17.4117, 13.8373, 18.5143



11.5913, 13.8373, 6.7861



9.6506, 13.8373, 12.0757

Sweetspot

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



14.8472, 13.8378, 28.2742



39.5882, 40.5543, 52.2793



20.2072, 24.6474, 29.7853



8.8579, 9.0342, 11.9491



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.



14.8472, 13.8378, 28.2742



22.6454, 20.1395, 49.2318



17.5141, 15.2126, 28.3990



5.1296, 5.2550, 6.7727



4.3838, 1.7536, 23.0845



0.0419, 0.0168, 0.2207

Inverse Universe

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



18.3594, 15.9641, 14.1709



29.9066, 24.5354, 20.0744



20.4041, 25.0582, 15.8183



5.4089, 5.4241, 5.6513



10.0158, 5.1634, 0.4688



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 14.8467, 13.8373, 28.2739 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 14.8467, 13.8373, 28.2739 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 14.8467, 13.8373, 28.2739

Background



This preview shows how black text looks on a background with the XYZ color 14.8467, 13.8373, 28.2739.



This preview shows how white text looks on a background with the XYZ color 14.8467, 13.8373,

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

14.8467, 13.8373, 28.2739

Protanopia

14.2541, 13.8022, 29.1070

Deuteranopia

14.1226, 13.9078, 27.9267



Tritanopia

12.8074, 13.9027, 17.9280

Trichromacy



Original Color

14.8467, 13.8373, 28.2739

Protanomaly

14.3806, 13.7314, 28.6805

Deuteranomaly

14.3254, 13.8656, 27.9079

Tritanomaly

13.4759, 13.8681, 21.3686

Monochromacy



Original Color

14.8467, 13.8373, 28.2739

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.7735, 13.9160, 19.4129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8467, 13.8373, 28.2739 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(100, 100, 144)` looks like.

```
.text, #text, p{  
    color:rgb(100, 100, 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(100, 100, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 100, 144) }
```

Border

The CSS property to change the border of an element to XYZ 14.8467, 13.8373, 28.2739 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(100, 100, 144) }
```


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

```
.border{ border-color:rgb(100, 100, 144) }
```

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

Here you see how a box with a 4 pixel rgb(100, 100, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 100, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 100, 144);  
box-shadow:4px 4px 4px 4px rgb(100, 100,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8467, 13.8373, 28.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 100, 144) }
```

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

```
.background{ background-color: rgb(100,  
100, 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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