

Converting Colors

XYZ(14.1127, 12.9325, 28.2704)

Have a look what the booklet for
XYZ(14.1127, 12.9325, 28.2704)
contains.

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Color

**XYZ(14.0408, 12.8662,
28.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	606090
RGB	96, 96, 144
RGB Percent	38%, 38%, 56%
CMY	0.6235, 0.6235, 0.4353
CMYK	0.33, 0.33, 0.00, 0.44
HSL	240°, 20%, 47%
HSV	240°, 33%, 56%
XYZ	14.0408, 12.8662, 28.1289
YIQ	101.4720, -15.4080, 14.9280

Conversions

Conversions Part 2

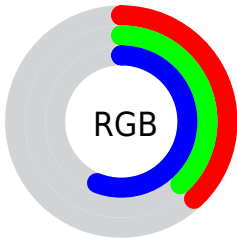
Format	Color
RYB	96, 96, 144
Decimal	6316176
CIELab	42.56, 11.90, -26.41
CIElCh	43, 28.967, 294.249
Yxy	12.8662, 0.2551, 0.2338
Android (android.graphics.Color)	4284506256 (0xFF606090)
YUV	101.4720, 20.9663, -4.7989
Hunter-Lab	35.8695, 7.1007, -21.3867

Details

The XYZ color **14.0408, 12.8662, 28.1289** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.5864, 26.7205, 14.9813**, and the grayscale version is **12.4424, 13.0904, 14.2554**.

A 20% lighter version of the original color is **32.6847, 30.9309, 57.6737**, and **4.2887, 3.6759, 10.8394** is the 20% darker color. If you saturate the color by 10%, you get **11.4666, 9.7644, 27.6661**, and if you desaturate by 10%, it is **17.1341, 16.5934, 28.6855**.

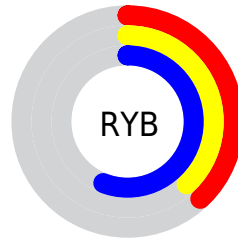
Distribution



Red (38%)

Green (38%)

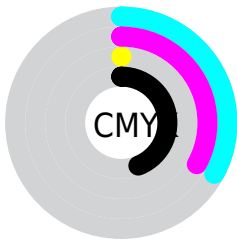
Blue (56%)



Red (38%)

Yellow (38%)

Blue (56%)

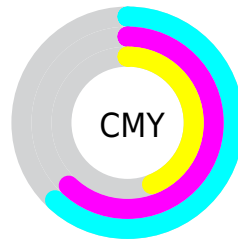


Cyan (33%)

Magenta (33%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0408, 12.8662, 28.1289 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 14.0408, 12.8662, 28.1289 by changing the saturation by 10% instead.

■ 14.0408, 12.8662,
28.1289

■ 14.0408, 12.8662,
28.1289

210.9900,
210.0584, 307.0136

■ 8.2309, 7.3365,
18.1830

■ 32.7471, 31.0632,
57.7157

■ 4.2961, 3.6734,
10.9106

■ 46.3742, 44.4993,
78.1937

■ 1.8710, 1.4926,
5.8934

■ 63.3378, 61.3396,
103.0195

■ 0.5599, 0.2835,
2.7126

■ 84.0032, 81.9685,
132.6115

■ 0.0000, 0.0000,
0.9498

108.7357,
106.7704, 167.3884

■ 0.0000, 0.0000,
0.0000

137.9008,

136.1298, 207.7687

171.8638,
170.4310, 254.1709

■ 14.0408, 12.8662,
28.1289

■ 14.0408, 12.8662,
28.1289

■ 11.4666, 9.7644,
27.6661

■ 17.1341, 16.5934,
28.6855

■ 9.3819, 7.2525,
27.2911

■ 20.7713, 20.9760,
29.3397

■ 7.7560, 5.2934,
26.9987

■ 24.9773, 26.0439,
30.0963

■ 6.5543, 3.8455,
26.7825

■ 29.7750, 31.8249,
30.9592

■ 5.7375, 2.8612,
26.6356

■ 35.1861, 38.3449,
31.9325

■ 5.2585, 2.2840,
26.5494

■ 41.2312, 45.6288,
33.0199

■ 5.0341, 2.0136,
26.5091

■ 47.9298, 53.7001,
34.2247

■ 55.3007, 62.5817,
35.5505

■ 63.3620, 72.2950,
37.0005

Harmonies

Analogous

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



11.8119, 12.8662, 29.7559



14.0408, 12.8662, 28.1289



15.9738, 12.8662, 22.3005

Triad

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



14.0408, 12.8662, 28.1289



14.8573, 12.8662, 6.3253



8.5002, 12.8662, 12.8353

Complementary

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



14.0408, 12.8662, 28.1289



23.5864, 26.7205, 14.9813

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.



9.1205, 12.8662, 8.0793



14.0408, 12.8662, 28.1289



12.6557, 12.8662, 5.1111

Square

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



14.0408, 12.8662, 28.1289



16.4832, 12.8662, 9.6177



10.5801, 12.8662, 5.6406



8.7780, 12.8662, 19.5675

Rectangle

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



14.0408, 12.8662, 28.1289



16.7449, 12.8662, 17.5436



10.5801, 12.8662, 5.6406



8.6080, 12.8662, 10.9844

Sweetspot

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



14.0413, 12.8667, 28.1292



38.8454, 39.6593, 52.1457



19.7706, 24.4228, 29.7384



8.7013, 8.8455, 11.9210



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.



14.0413, 12.8667, 28.1292



21.2816, 18.4961, 48.9865



16.8526, 14.3160, 28.2608



5.1296, 5.2550, 6.7727



4.3837, 1.7535, 23.0845



0.0419, 0.0168, 0.2207

Inverse Universe

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



17.7962, 15.1400, 13.0512



28.9536, 23.1409, 18.1795



19.9421, 24.8418, 14.8108



5.4089, 5.4241, 5.6512



10.0158, 5.1633, 0.4687



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 14.0408, 12.8662, 28.1289 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 14.0408, 12.8662, 28.1289 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 14.0408, 12.8662, 28.1289

Background



This preview shows how black text looks on a background with the XYZ color 14.0408, 12.8662, 28.1289.

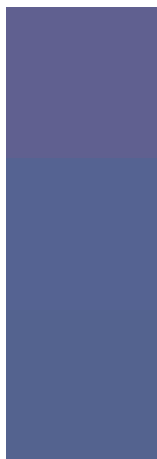


This preview shows how white text looks on a background with the XYZ color 14.0408, 12.8662,

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

14.0408, 12.8662, 28.1289

Protanopia

13.3965, 12.9303, 28.9839

Deuteranopia

13.0759, 12.7917, 27.7665



Tritanopia

11.8393, 12.9720, 16.9188

Trichromacy



Original Color

14.0408, 12.8662, 28.1289

Protanomaly

13.5983, 12.9035, 28.5620

Deuteranomaly

13.3501, 12.7932, 27.7523

Tritanomaly

12.5460, 12.8197, 20.5521

Monochromacy



Original Color

14.0408, 12.8662, 28.1289

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.8183, 12.8607, 18.6364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0408, 12.8662, 28.1289 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(96, 96, 144) looks like.

```
.text, #text, p{  
    color:rgb(96, 96, 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(96, 96, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 96, 144) }
```

Border

The CSS property to change the border of an element to XYZ 14.0408, 12.8662, 28.1289 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(96, 96, 144) }
```


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

```
.border{ border-color:rgb(96, 96, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 96, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 96, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 96, 144);  
box-shadow:4px 4px 4px 4px rgb(96, 96,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0408, 12.8662, 28.1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 96, 144) }
```

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

```
.background{ background-color: rgb(96, 96,  
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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