

Converting Colors

XYZ(14.4352, 12.1015, 28.4077)

Have a look what the booklet for
XYZ(14.4352, 12.1015, 28.4077)
contains.

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Color

**XYZ(14.5089, 12.1923,
28.3767)**

Conversions

Conversions Part 1

Format	Color
Hex	695991
RGB	105, 89, 145
RGB Percent	41%, 35%, 57%
CMY	0.5882, 0.6510, 0.4314
CMYK	0.28, 0.39, 0.00, 0.43
HSL	257°, 24%, 46%
HSV	257°, 39%, 57%
XYZ	14.5089, 12.1923, 28.3767
YIQ	100.1680, -8.4400, 20.8080

Conversions

Conversions Part 2

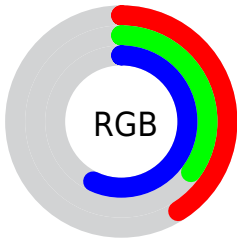
Format	Color
R _Y B	105, 89, 145
Decimal	6904209
CIE Lab	41.52, 19.29, -28.58
CIE LCh	42, 34.478, 304.016
Yxy	12.1923, 0.2634, 0.2214
Android (android.graphics.Color)	4285094289 (0xFF695991)
YUV	100.1680, 22.1022, 4.2377
Hunter-Lab	34.9175, 13.0647, -23.7415

Details

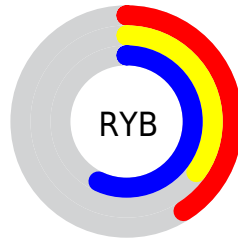
The XYZ color **14.5089, 12.1923, 28.3767** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.9820, 25.6394, 13.2946**, and the grayscale version is **12.1032, 12.7335, 13.8668**.

A 20% lighter version of the original color is **33.4460, 29.7569, 58.0137**, and **4.5151, 3.3767, 11.0035** is the 20% darker color. If you saturate the color by 10%, you get **12.2758, 9.4231, 27.9601**, and if you desaturate by 10%, it is **17.1287, 15.5142, 28.8800**.

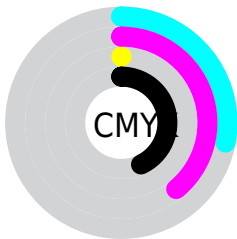
Distribution



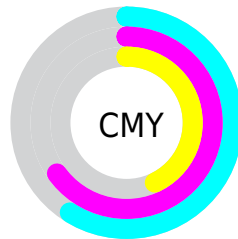
- Red (41%)
- Green (35%)
- Blue (57%)



- Red (41%)
- Yellow (35%)
- Blue (57%)



- Cyan (28%)
- Magenta (39%)
- Yellow (0%)
- Black (43%)



- Cyan (59%)
- Magenta (65%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5089, 12.1923, 28.3767 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 14.5089, 12.1923, 28.3767 by changing the saturation by 10% instead.

■ 14.5089, 12.1923,
28.3767

■ 14.5089, 12.1923,
28.3767

213.8220,
205.6742, 308.2310

■ 8.5595, 6.8748,
18.3683

■ 33.5681, 29.8449,
58.1156

■ 4.5098, 3.3839,
11.0426

■ 47.4086, 42.9487,
78.6832

■ 1.9944, 1.3353,
5.9809

■ 64.6102, 59.4167,
103.6077

■ 0.6308, 0.1683,
2.7649

■ 85.5383, 79.6334,
133.3074

■ 0.0000, 0.0000,
0.9759

■ 110.5581,
103.9831, 168.2011

■ 0.0000, 0.0000,
0.0000

140.0351,

132.8502, 208.7072

174.3346,
166.6191, 255.2443

■ 14.5089, 12.1923,
28.3767

■ 14.5089, 12.1923,
28.3767

■ 12.2758, 9.4231,
27.9601

■ 17.1287, 15.5142,
28.8800

■ 10.4088, 7.1744,
27.6245

■ 20.1519, 19.4157,
29.4738

■ 8.8872, 5.4127,
27.3646

■ 23.5956, 23.9237,
30.1624

■ 7.6877, 4.1002,
27.1745

■ 27.4756, 29.0629,
30.9498

■ 6.7833, 3.1927,
27.0470

■ 31.8068, 34.8566,
31.8399

■ 6.1230, 2.5984,
26.9671

■ 36.6034, 41.3270,
32.8360

■ 6.0426, 2.5247,
26.9571

■ 41.8791, 48.4952,
33.9415

■ 47.6468, 56.3814,
35.1597

■ 53.9191, 65.0048,
36.4936

Harmonies

Analogous

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



11.9304, 12.1923, 32.4310



14.5089, 12.1923, 28.3767



16.5002, 12.1923, 20.3123

Triad

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



14.5089, 12.1923, 28.3767



13.8382, 12.1923, 4.3135



7.4038, 12.1923, 14.2690

Complementary

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



14.5089, 12.1923, 28.3767



20.9820, 25.6394, 13.2946

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.



7.7631, 12.1923, 8.0863



14.5089, 12.1923, 28.3767



11.2531, 12.1923, 3.6998

Square

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



14.5089, 12.1923, 28.3767



16.0753, 12.1923, 6.9383



9.0888, 12.1923, 4.7883



8.0253, 12.1923, 22.6253

Rectangle

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



14.5089, 12.1923, 28.3767



17.0923, 12.1923, 14.7716



9.0888, 12.1923, 4.7883



7.4145, 12.1923, 11.8837

Sweetspot

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



14.5093, 12.1928, 28.3770



39.9281, 39.7842, 53.5482



17.0988, 19.9042, 29.7290



8.7277, 8.6476, 11.8814



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.



14.5093, 12.1928, 28.3770



22.6018, 17.6328, 50.1858



18.3353, 14.1652, 28.5560



5.2653, 5.3250, 6.7791



5.2060, 2.1774, 23.1230



0.0693, 0.0309, 0.2220

Inverse Universe

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



19.2121, 14.7498, 22.6033



32.3449, 22.9399, 37.7969



17.3107, 23.7467, 13.1228



5.5614, 5.4851, 6.4546



12.1518, 6.0177, 11.7168



0.1257, 0.0613, 0.1621

Previews

White Background



This preview shows how the XYZ color 14.5089, 12.1923, 28.3767 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 14.5089, 12.1923, 28.3767 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 14.5089, 12.1923, 28.3767

Background



This preview shows how black text looks on a background with the XYZ color 14.5089, 12.1923, 28.3767.

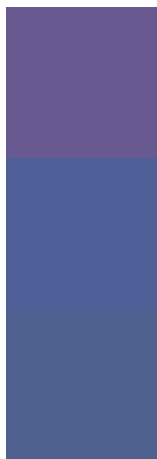


This preview shows how white text looks on a background with the XYZ color 14.5089, 12.1923,

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

14.5089, 12.1923, 28.3767

Protanopia

12.9107, 12.2198, 30.9563

Deuteranopia

12.4571, 12.1948, 27.6839



Tritanopia

11.7543, 12.1107, 15.0827

Trichromacy



Original Color

14.5089, 12.1923, 28.3767

Protanomaly

13.3637, 12.0733, 30.0598

Deuteranomaly

13.0612, 12.0937, 28.0315

Tritanomaly

12.6484, 12.0708, 19.4326

Monochromacy



Original Color

14.5089, 12.1923, 28.3767

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.8147, 12.4515, 18.2510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5089, 12.1923, 28.3767 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(105, 89, 145)` looks like.

```
.text, #text, p{  
    color:rgb(105, 89, 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(105, 89, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 89, 145) }
```

Border

The CSS property to change the border of an element to XYZ 14.5089, 12.1923, 28.3767 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(105, 89, 145) }
```


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

```
.border{ border-color:rgb(105, 89, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 89, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 89, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 89, 145); box-shadow:4px 4px 4px 4px rgb(105, 89, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5089, 12.1923, 28.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 89, 145) }
```

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

```
.background{ background-color: rgb(105, 89,  
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](#).

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