

Converting Colors

XYZ(13.8982, 12.2646, 28.0203)

Have a look what the booklet for
XYZ(13.8982, 12.2646, 28.0203)
contains.

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Color

**XYZ(13.8982, 12.2646,
28.0203)**

Conversions

Conversions Part 1

Format	Color
Hex	625C90
RGB	98, 92, 144
RGB Percent	38%, 36%, 56%
CMY	0.6157, 0.6392, 0.4353
CMYK	0.32, 0.36, 0.00, 0.44
HSL	247°, 22%, 46%
HSV	247°, 36%, 56%
XYZ	13.8982, 12.2646, 28.0203
YIQ	99.7220, -13.1160, 17.4440

Conversions

Conversions Part 2

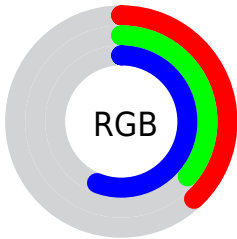
Format	Color
R_{YB}	98, 92, 144
Decimal	6446224
CIE _{Lab}	41.63, 15.00, -27.85
CIE _{LCh}	42, 31.627, 298.304
Yxy	12.2646, 0.2565, 0.2264
Android (android.graphics.Color)	4284636304 (0xFF625C90)
YUV	99.7220, 21.8291, -1.5102
Hunter-Lab	35.0209, 9.5521, -22.9235

Details

The XYZ color **13.8982, 12.2646, 28.0203** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.3865, 26.1227, 13.9880**, and the grayscale version is **11.9914, 12.6159, 13.7387**.

A 20% lighter version of the original color is **32.4437, 29.9072, 57.4888**, and **4.2194, 3.3973, 10.7893** is the 20% darker color. If you saturate the color by 10%, you get **11.5006, 9.3497, 27.5843**, and if you desaturate by 10%, it is **16.7526, 15.7675, 28.5462**.

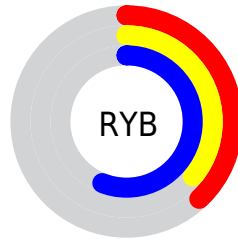
Distribution



Red (38%)

Green (36%)

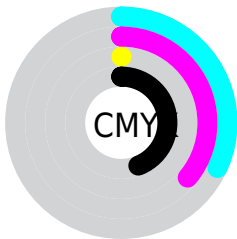
Blue (56%)



Red (38%)

Yellow (36%)

Blue (56%)

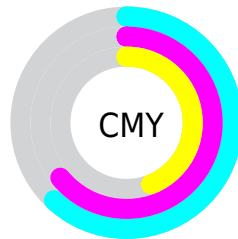


Cyan (32%)

Magenta (36%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (64%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8982, 12.2646, 28.0203 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 13.8982, 12.2646, 28.0203 by changing the saturation by 10% instead.

■ 13.8982, 12.2646,
28.0203

■ 13.8982, 12.2646,
28.0203

210.1199,
206.1492, 306.4789

■ 8.1311, 6.9241,
18.1018

■ 32.4961, 29.9761,
57.5403

■ 4.2315, 3.4147,
10.8529

■ 46.0576, 43.1160,
77.9790

■ 1.8339, 1.3519,
5.8551

■ 62.9479, 59.6244,
102.7613

■ 0.5380, 0.1809,
2.6898

■ 83.5325, 79.8858,
132.3060

■ 0.0000, 0.0000,
0.9383

108.1766,
104.2846, 167.0316

■ 0.0000, 0.0000,
0.0000

137.2456,

133.2052, 207.3566

171.1050,
167.0319, 253.6995

■ 13.8982, 12.2646,
28.0203

■ 13.8982, 12.2646,
28.0203

■ 11.5006, 9.3497,
27.5843

■ 16.7526, 15.7675,
28.5462

■ 9.5346, 6.9891,
27.2322

■ 20.0845, 19.8867,
29.1657

■ 7.9748, 5.1478,
26.9590

■ 23.9150, 24.6505,
29.8833

■ 6.7922, 3.7863,
26.7586

■ 28.2634, 30.0850,
30.7031

■ 5.9542, 2.8594,
26.6238

■ 33.1482, 36.2148,
31.6288

■ 5.4164, 2.3010,
26.5444

■ 38.5868, 43.0632,
32.6640

■ 5.2584, 2.1293,
26.5196

■ 44.5958, 50.6526,
33.8122

■ 51.1912, 59.0043,
35.0766

■ 58.3884, 68.1388,
36.4604

Harmonies

Analogous

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



11.5259, 12.2646, 30.5842



13.8982, 12.2646, 28.0203



15.8705, 12.2646, 21.2362

Triad

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



13.8982, 12.2646, 28.0203



14.1563, 12.2646, 5.1777



7.7491, 12.2646, 12.9803

Complementary

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



13.8982, 12.2646, 28.0203



22.3865, 26.1227, 13.9880

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.



8.2645, 12.2646, 7.7125



13.8982, 12.2646, 28.0203



11.7894, 12.2646, 4.2335

Square

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



13.8982, 12.2646, 28.0203



16.0329, 12.2646, 8.1746



9.6709, 12.2646, 4.9797



8.1602, 12.2646, 20.3583

Rectangle

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



13.8982, 12.2646, 28.0203



16.5831, 12.2646, 16.1092



9.6709, 12.2646, 4.9797



7.8183, 12.2646, 10.9325

Sweetspot

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



13.8986, 12.2651, 28.0206



38.6120, 39.0342, 52.0373



18.6517, 22.6966, 29.7836



8.6713, 8.7236, 11.8990



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.



13.8986, 12.2651, 28.0206



21.1591, 17.5494, 48.8102



17.0586, 13.8941, 28.1685



5.1838, 5.2830, 6.7753



4.5906, 1.8601, 23.0942



0.0530, 0.0225, 0.2212

Inverse Universe

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



19.9165, 15.4190, 25.9713



33.3783, 23.9586, 44.4151



18.6897, 24.2169, 13.8150



5.5998, 5.5005, 6.6567



13.3790, 6.5086, 18.1792



0.1328, 0.0642, 0.1997

Previews

White Background



This preview shows how the XYZ color 13.8982, 12.2646, 28.0203 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 13.8982, 12.2646, 28.0203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

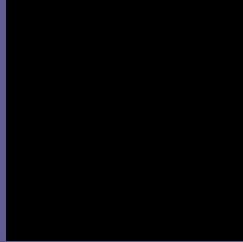
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.8982, 12.2646, 28.0203

Background



This preview shows how black text looks on a background with the XYZ color 13.8982, 12.2646, 28.0203.

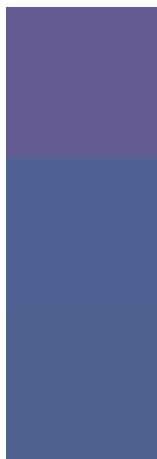


This preview shows how white text looks on a background with the XYZ color 13.8982, 12.2646,

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

13.8982, 12.2646, 28.0203

Protanopia

12.9283, 12.3930, 29.7277

Deuteranopia

12.5409, 12.2380, 27.6878



Tritanopia

11.3321, 12.1589, 15.6595

Trichromacy



Original Color

13.8982, 12.2646, 28.0203

Protanomaly

13.2891, 12.3172, 29.2808

Deuteranomaly

12.9806, 12.1938, 27.6561

Tritanomaly

12.0872, 12.0490, 19.4579

Monochromacy



Original Color

13.8982, 12.2646, 28.0203

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.5727, 12.4630, 18.2659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8982, 12.2646, 28.0203 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(98, 92, 144) looks like.

```
.text, #text, p{  
    color:rgb(98, 92, 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(98, 92, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 92, 144) }
```

Border

The CSS property to change the border of an element to XYZ 13.8982, 12.2646, 28.0203 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(98, 92, 144) }
```


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

```
.border{ border-color:rgb(98, 92, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 92, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 92, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 92, 144);  
box-shadow:4px 4px 4px 4px rgb(98, 92,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8982, 12.2646, 28.0203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 92, 144) }
```

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

```
.background{ background-color: rgb(98, 92,  
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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