

Converting Colors

XYZ(14.0541, 13.2471, 28.5292)

Have a look what the booklet for
XYZ(14.0541, 13.2471, 28.5292)
contains.

XYZ(14.0869, 13.2952, 28.6118)	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(14.0869, 13.2952,
28.6118)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6391
RGB	93, 99, 145
RGB Percent	36%, 39%, 57%
CMY	0.6353, 0.6118, 0.4314
CMYK	0.36, 0.32, 0.00, 0.43
HSL	233°, 22%, 47%
HSV	233°, 36%, 57%
XYZ	14.0869, 13.2952, 28.6118
YIQ	102.4500, -18.3420, 13.0340

Conversions

Conversions Part 2

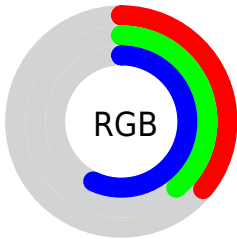
Format	Color
R_{YB}	93, 98, 145
Decimal	6120337
CIE _{Lab}	43.20, 9.41, -26.03
CIE _{LCh}	43, 27.675, 289.880
Yxy	13.2952, 0.2516, 0.2374
Android (android.graphics.Color)	4284310417 (0xFF5D6391)
YUV	102.4500, 20.9771, -8.2877
Hunter-Lab	36.4626, 5.1519, -21.0004

Details

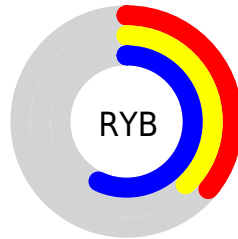
The XYZ color **14.0869, 13.2952, 28.6118** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.8858, 25.2757, 14.0290**, and the grayscale version is **12.6977, 13.3590, 14.5479**.

A 20% lighter version of the original color is **32.8922, 31.9560, 58.4673**, and **4.3322, 3.8898, 11.1122** is the 20% darker color. If you saturate the color by 10%, you get **11.6359, 10.3689, 28.1764**, and if you desaturate by 10%, it is **17.0102, 16.7520, 29.1252**.

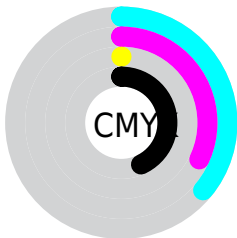
Distribution



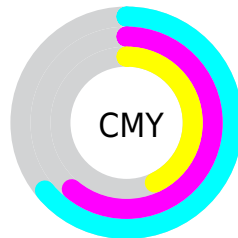
- Red (36%)
- Green (39%)
- Blue (57%)



- Red (36%)
- Yellow (38%)
- Blue (57%)



- Cyan (36%)
- Magenta (32%)
- Yellow (0%)
- Black (43%)



- Cyan (64%)
- Magenta (61%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0869, 13.2952, 28.6118 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 14.0869, 13.2952, 28.6118 by changing the saturation by 10% instead.

■ 14.0869, 13.2952,
28.6118

■ 14.0869, 13.2952,
28.6118

211.2706,
212.8010, 309.3823

■ 8.2632, 7.6321,
18.5443

■ 32.8281, 31.8331,
58.4945

■ 4.3171, 3.8605,
11.1680

■ 46.4764, 45.4768,
79.1469

■ 1.8830, 1.5958,
6.0644

■ 63.4636, 62.5494,
104.1646

■ 0.5669, 0.3548,
2.8148

■ 84.1550, 83.4354,
133.9662

■ 0.0000, 0.0000,
1.0009

108.9161,
108.5191, 168.9702

■ 0.0000, 0.0000,
0.0000

138.1121,

138.1851, 209.5952

172.1085,
172.8176, 256.2597

■ 14.0869, 13.2952,
28.6118

■ 14.0869, 13.2952,
28.6118

■ 11.6359, 10.3689,
28.1764

■ 17.0102, 16.7520,
29.1252

■ 9.6309, 7.9454,
27.8143

■ 20.4274, 20.7624,
29.7192

■ 8.0451, 5.9965,
27.5217

■ 24.3605, 25.3498,
30.3973

■ 6.8486, 4.4907,
27.2941

■ 28.8298, 30.5357,
31.1628

■ 6.0068, 3.3926,
27.1265

■ 33.8543, 36.3408,
32.0184

■ 5.4737, 2.6584,
27.0129

■ 39.4522, 42.7846,
32.9672

■ 5.3072, 2.4369,
26.9789

■ 45.6410, 49.8858,
34.0116

■ 52.4373, 57.6622,
35.1545

■ 59.8569, 66.1312,
36.3981

Harmonies

Analogous

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



11.9280, 13.2952, 29.4361



14.0869, 13.2952, 28.6118



16.0484, 13.2952, 23.4662

Triad

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



14.0869, 13.2952, 28.6118



15.4754, 13.2952, 7.2102



9.0061, 13.2952, 12.5043

Complementary

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



14.0869, 13.2952, 28.6118



22.8858, 25.2757, 14.0290

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.



9.7464, 13.2952, 8.1373



14.0869, 13.2952, 28.6118



13.3729, 13.2952, 5.7036

Square

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



14.0869, 13.2952, 28.6118



16.9106, 13.2952, 10.8302



11.2896, 13.2952, 5.9868



9.1514, 13.2952, 18.8605

Rectangle

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



14.0869, 13.2952, 28.6118



16.9035, 13.2952, 18.9159



11.2896, 13.2952, 5.9868



9.1561, 13.2952, 10.7920

Sweetspot

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



14.0874, 13.2957, 28.6121



39.7272, 40.8560, 53.7657



19.2953, 24.4404, 28.1013



8.6548, 8.8753, 11.9292



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.



14.0874, 13.2957, 28.6121



21.6357, 19.5259, 50.6021



15.8271, 13.3799, 28.5367



5.1766, 5.3490, 6.7884



4.5631, 2.1122, 23.1443



0.0515, 0.0359, 0.2239

Inverse Universe

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



17.8439, 14.7498, 13.7114



29.4343, 22.6953, 19.6346



20.5687, 25.4064, 14.1763



5.4326, 5.4336, 5.7762



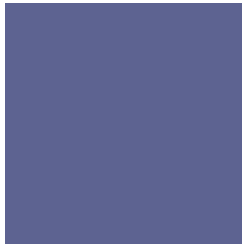
10.1063, 5.1996, 0.9454



0.1006, 0.0513, 0.0299

Previews

White Background



This preview shows how the XYZ color 14.0869, 13.2952, 28.6118 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 14.0869, 13.2952, 28.6118 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

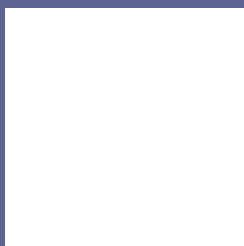
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0869, 13.2952, 28.6118

Background



This preview shows how black text looks on a background with the XYZ color 14.0869, 13.2952, 28.6118.



This preview shows how white text looks on a background with the XYZ color 14.0869, 13.2952,

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

14.0869, 13.2952, 28.6118

Protanopia

13.6760, 13.2159, 29.0243

Deuteranopia

13.6023, 13.3301, 28.6441



Tritanopia

11.9266, 13.2965, 17.8575

Trichromacy



Original Color

14.0869, 13.2952, 28.6118

Protanomaly

13.8653, 13.3135, 29.0331

Deuteranomaly

13.7878, 13.2825, 28.6251

Tritanomaly

12.6717, 13.3050, 21.3023

Monochromacy



Original Color

14.0869, 13.2952, 28.6118

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.0693, 13.2680, 19.0117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0869, 13.2952, 28.6118 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(93, 99, 145) looks like.

```
.text, #text, p{  
    color:rgb(93, 99, 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(93, 99, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 99, 145) }
```

Border

The CSS property to change the border of an element to XYZ 14.0869, 13.2952, 28.6118 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(93, 99, 145) }
```


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

```
.border{ border-color:rgb(93, 99, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 99, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 99, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 99, 145);  
box-shadow:4px 4px 4px 4px rgb(93, 99,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0869, 13.2952, 28.6118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 99, 145) }
```

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

```
.background{ background-color: rgb(93, 99,  
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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