

Converting Colors

XYZ(14.5960, 13.8814, 27.1026)

Have a look what the booklet for
XYZ(14.5960, 13.8814, 27.1026)
contains.

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Color

**XYZ(14.6070, 13.8831,
27.1091)**

Conversions

Conversions Part 1

Format	Color
Hex	63658D
RGB	99, 101, 141
RGB Percent	39%, 40%, 55%
CMY	0.6118, 0.6039, 0.4471
CMYK	0.30, 0.28, 0.00, 0.45
HSL	237°, 17%, 47%
HSV	237°, 30%, 55%
XYZ	14.6070, 13.8831, 27.1091
YIQ	104.9620, -14.0320, 12.0160

Conversions

Conversions Part 2

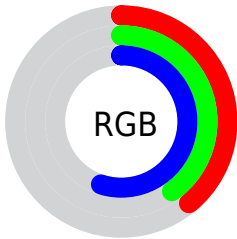
Format	Color
R_{YB}	99, 101, 141
Decimal	6514061
CIE Lab	44.06, 8.92, -22.26
CIE LCh	44, 23.981, 291.839
Yxy	13.8831, 0.2627, 0.2497
Android (android.graphics.Color)	4284704141 (0xFF63658D)
YUV	104.9620, 17.7667, -5.2287
Hunter-Lab	37.2600, 4.7721, -17.0553

Details

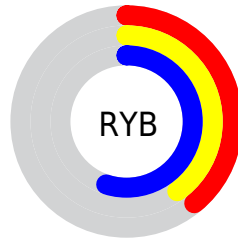
The XYZ color **14.6070, 13.8831, 27.1091** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.4695, 25.0290, 15.4517**, and the grayscale version is **13.3735, 14.0700, 15.3222**.

A 20% lighter version of the original color is **33.8411, 32.9759, 56.2111**, and **4.5727, 4.0975, 10.4474** is the 20% darker color. If you saturate the color by 10%, you get **12.0000, 10.7594, 26.6438**, and if you desaturate by 10%, it is **17.6970, 17.5726, 27.6586**.

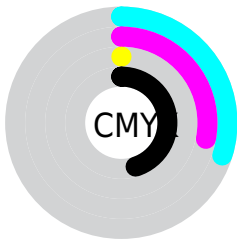
Distribution



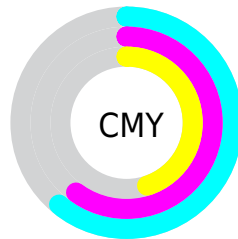
- Red (39%)
- Green (40%)
- Blue (55%)



- Red (39%)
- Yellow (40%)
- Blue (55%)



- Cyan (30%)
- Magenta (28%)
- Yellow (0%)
- Black (45%)



- Cyan (61%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6070, 13.8831, 27.1091 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 14.6070, 13.8831, 27.1091 by changing the saturation by 10% instead.

■ 14.6070, 13.8831,
27.1091

■ 14.6070, 13.8831,
27.1091

214.4109,
216.5024, 301.9618

■ 8.6286, 8.0394,
17.4220

■ 33.7396, 32.8815,
56.0648

■ 4.5549, 4.1202,
10.3707

■ 47.6245, 46.8049,
76.1704

■ 2.0206, 1.7410,
5.5366

■ 64.8755, 64.1904,
100.5860

■ 0.6455, 0.4500,
2.5012

■ 85.8581, 85.4224,
129.7300

■ 0.0000, 0.0000,
0.8408

110.9376,
110.8851, 164.0211

■ 0.0000, 0.0000,
0.0000

140.4793,

140.9631, 203.8778

174.8486,
176.0407, 249.7185

■ 14.6070, 13.8831,
27.1091

■ 14.6070, 13.8831,
27.1091

■ 12.0000, 10.7594,
26.6438

■ 17.6970, 17.5726,
27.6586

■ 9.8503, 8.1722,
26.2577

■ 21.2911, 21.8523,
28.2953

■ 8.1318, 6.0915,
25.9467

■ 25.4111, 26.7471,
29.0229

■ 6.8155, 4.4842,
25.7058

■ 30.0769, 32.2800,
29.8449

■ 5.8685, 3.3131,
25.5297

■ 35.3074, 38.4727,
30.7646

■ 5.2530, 2.5354,
25.4120

■ 41.1206, 45.3460,
31.7849

■ 4.8875, 2.0771,
25.3428

■ 47.5337, 52.9197,
32.9087

■ 4.8806, 2.0689,
25.3416

■ 54.5633, 61.2130,
34.1390

■ 62.2252, 70.2441,
35.4783

Harmonies

Analogous

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



12.6818, 13.8831, 28.0758



14.6070, 13.8831, 27.1091



16.2936, 13.8831, 22.5773

Triad

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



14.6070, 13.8831, 27.1091



15.5932, 13.8831, 8.2717



9.8885, 13.8831, 13.6741

Complementary

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



14.6070, 13.8831, 27.1091



22.4695, 25.0290, 15.4517

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.



10.5173, 13.8831, 9.5120



14.6070, 13.8831, 27.1091



13.7229, 13.8831, 6.9222

Square

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



14.6070, 13.8831, 27.1091



16.9000, 13.8831, 11.5368



11.8779, 13.8831, 7.3139



10.0762, 13.8831, 19.3689

Rectangle

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



14.6070, 13.8831, 27.1091



16.9951, 13.8831, 18.6314



11.8779, 13.8831, 7.3139



10.0091, 13.8831, 12.0738

Sweetspot

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



14.6075, 13.8836, 27.1094



38.5396, 39.6224, 50.7445



19.3237, 23.5639, 27.9178



8.4080, 8.6119, 11.2986



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.6075, 13.8836, 27.1094



22.8090, 20.8511, 47.9504



16.7276, 14.6918, 27.1537



5.1489, 5.2936, 6.7792



4.4536, 1.8932, 23.1078



0.0459, 0.0247, 0.2220

Inverse Universe

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



17.7957, 15.5265, 14.3714



29.5215, 24.3533, 21.1220



19.8176, 24.0958, 15.4114



5.4186, 5.4280, 5.7026



10.0511, 5.1775, 0.6544



0.0978, 0.0502, 0.0150

Previews

White Background



This preview shows how the XYZ color 14.6070, 13.8831, 27.1091 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 14.6070, 13.8831, 27.1091 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 14.6070, 13.8831, 27.1091

Background



This preview shows how black text looks on a background with the XYZ color 14.6070, 13.8831, 27.1091.

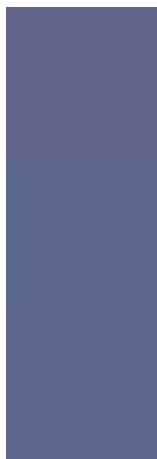


This preview shows how white text looks on a background with the XYZ color 14.6070, 13.8831,

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

14.6070, 13.8831, 27.1091

Protanopia

14.1464, 13.9288, 27.5341

Deuteranopia

14.2741, 14.0033, 27.1499



Tritanopia

12.7055, 13.8501, 17.9233

Trichromacy



Original Color

14.6070, 13.8831, 27.1091

Protanomaly

14.3532, 13.8886, 27.5155

Deuteranomaly

14.3830, 13.9126, 27.1266

Tritanomaly

13.3077, 13.7888, 21.0289

Monochromacy



Original Color

14.6070, 13.8831, 27.1091

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.8138, 14.0922, 19.1315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6070, 13.8831, 27.1091 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(99, 101, 141)` looks like.

```
.text, #text, p{  
    color:rgb(99, 101, 141)  
}
```

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(99, 101, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 101, 141) }
```

Border

The CSS property to change the border of an element to XYZ 14.6070, 13.8831, 27.1091 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(99, 101, 141) }
```


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

```
.border{ border-color:rgb(99, 101, 141) }
```

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

Here you see how a box with a 4 pixel rgb(99, 101, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 101, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 101, 141);  
box-shadow:4px 4px 4px 4px rgb(99, 101,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6070, 13.8831, 27.1091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 101, 141) }
```

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

```
.background{ background-color: rgb(99, 101,  
141) }
```

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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