

Converting Colors

XYZ(15.4053, 14.2946, 27.1465)

Have a look what the booklet for
XYZ(15.4053, 14.2946, 27.1465)
contains.

XYZ(15.4053, 14.2946, 27.1465)	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(15.4053, 14.2946,
27.1465)**

Conversions

Conversions Part 1

Format	Color
Hex	6A658D
RGB	106, 101, 141
RGB Percent	42%, 40%, 55%
CMY	0.5843, 0.6039, 0.4471
CMYK	0.25, 0.28, 0.00, 0.45
HSL	248°, 17%, 47%
HSV	248°, 28%, 55%
XYZ	15.4053, 14.2946, 27.1465
YIQ	107.0550, -9.8600, 13.5000

Conversions

Conversions Part 2

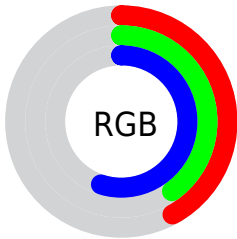
Format	Color
R_{YB}	106, 101, 141
Decimal	6972813
CIE _{Lab}	44.65, 11.18, -21.30
CIE _{LCh}	45, 24.060, 297.690
Yxy	14.2946, 0.2710, 0.2515
Android (android.graphics.Color)	4285162893 (0xFF6A658D)
YUV	107.0550, 16.7349, -0.9252
Hunter-Lab	37.8082, 6.5671, -16.1048

Details

The XYZ color **15.4053, 14.2946, 27.1465** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.0274, 25.2238, 16.0202**, and the grayscale version is **13.9478, 14.6742, 15.9802**.

A 20% lighter version of the original color is **35.1791, 33.6657, 56.2738**, and **4.9524, 4.2932, 10.4652** is the 20% darker color. If you saturate the color by 10%, you get **12.7898, 11.0856, 26.6652**, and if you desaturate by 10%, it is **18.4676, 18.0832, 27.7166**.

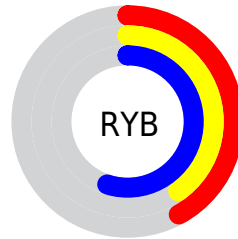
Distribution



Red (42%)

Green (40%)

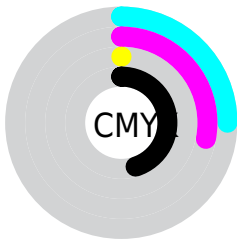
Blue (55%)



Red (42%)

Yellow (40%)

Blue (55%)

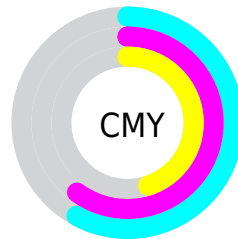


Cyan (25%)

Magenta (28%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (60%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4053, 14.2946, 27.1465 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 15.4053, 14.2946, 27.1465 by changing the saturation by 10% instead.

■ 15.4053, 14.2946,
27.1465

■ 15.4053, 14.2946,
27.1465

219.1465,
219.0559, 302.1483

■ 9.1925, 8.3258,
17.4499

■ 35.1285, 33.6108,
56.1255

■ 4.9251, 4.3042,
10.3904

■ 49.3696, 47.7271,
76.2449

■ 2.2377, 1.8451,
5.5496

■ 67.0175, 65.3280,
100.6756

■ 0.7625, 0.5151,
2.5089

■ 88.4375, 86.7980,
129.8362

■ 0.0000, 0.0000,
0.8449

113.9951,
112.5214, 164.1453

■ 0.0000, 0.0000,
0.0000

144.0556,

142.8825, 204.0213

178.9843,
178.2659, 249.8828

■ 15.4053, 14.2946,
27.1465

■ 15.4053, 14.2946,
27.1465

■ 12.7898, 11.0856,
26.6652

■ 18.4676, 18.0832,
27.7166

■ 10.5988, 8.4260,
26.2673

■ 21.9948, 22.4765,
28.3787

■ 8.8100, 6.2853,
25.9484

■ 26.0059, 27.4998,
29.1369

■ 7.3986, 4.6293,
25.7032

■ 30.5181, 33.1768,
29.9948

■ 6.3371, 3.4197,
25.5256

■ 35.5481, 39.5298,
30.9560

■ 5.5940, 2.6124,
25.4090

■ 41.1116, 46.5801,
32.0236

■ 5.1140, 2.1180,
25.3388

■ 47.2237, 54.3480,
33.2008

■ 5.0503, 2.0481,
25.3287

■ 53.8989, 62.8531,
34.4906

■ 61.1512, 72.1140,
35.8959

Harmonies

Analogous

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



13.4360, 14.2946, 28.9553



15.4053, 14.2946, 27.1465



17.0099, 14.2946, 22.0415

Triad

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



15.4053, 14.2946, 27.1465



15.6918, 14.2946, 8.1359



10.1726, 14.2946, 15.1354

Complementary

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



15.4053, 14.2946, 27.1465



22.0274, 25.2238, 16.0202

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.



10.6565, 14.2946, 10.4995



15.4053, 14.2946, 27.1465



13.7383, 14.2946, 7.1088

Square

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



15.4053, 14.2946, 27.1465



17.1861, 14.2946, 11.0870



11.9170, 14.2946, 7.8582



10.5284, 14.2946, 21.1093

Rectangle

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



15.4053, 14.2946, 27.1465



17.5909, 14.2946, 17.9689



11.9170, 14.2946, 7.8582



10.2414, 14.2946, 13.3845

Sweetspot

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



15.4058, 14.2952, 27.1468



38.8351, 39.5599, 50.7169



19.0261, 22.3925, 28.5190



8.4820, 8.5963, 11.2916



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.



15.4058, 14.2952, 27.1468



24.5188, 21.8270, 48.0486



18.0169, 15.6413, 27.2690



5.1884, 5.2853, 6.7755



4.6130, 1.8717, 23.0952



0.0539, 0.0229, 0.2213

Inverse Universe

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



20.0825, 16.7481, 25.4669



34.3466, 26.9851, 44.3671



19.1211, 23.7256, 15.8841



5.5976, 5.4996, 6.6452



13.3010, 6.4774, 17.7682



0.1324, 0.0640, 0.1976

Previews

White Background



This preview shows how the XYZ color 15.4053, 14.2946, 27.1465 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 15.4053, 14.2946, 27.1465 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 15.4053, 14.2946, 27.1465

Background



This preview shows how black text looks on a background with the XYZ color 15.4053, 14.2946, 27.1465.



This preview shows how white text looks on a background with the XYZ color 15.4053, 14.2946,

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

15.4053, 14.2946, 27.1465

Protanopia

14.5243, 14.2635, 27.9742

Deuteranopia

14.6137, 14.3355, 26.8077



Tritanopia

13.5581, 14.2897, 17.9632

Trichromacy



Original Color

15.4053, 14.2946, 27.1465

Protanomaly

14.7697, 14.2502, 27.5633

Deuteranomaly

14.8394, 14.3033, 26.7896

Tritanomaly

14.1819, 14.2394, 21.0698

Monochromacy



Original Color

15.4053, 14.2946, 27.1465

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.4448, 14.5609, 19.5020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4053, 14.2946, 27.1465 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(106, 101, 141)` looks like.

```
.text, #text, p{  
    color:rgb(106, 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(106, 101, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 101, 141) }
```

Border

The CSS property to change the border of an element to XYZ 15.4053, 14.2946, 27.1465 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(106, 101, 141) }
```


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

```
.border{ border-color:rgb(106, 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(106, 101, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 101, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 101, 141);  
box-shadow:4px 4px 4px 4px rgb(106, 101,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4053, 14.2946, 27.1465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 101, 141) }
```

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

```
.background{ background-color: rgb(106,  
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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