

Converting Colors

XYZ(14.2377, 15.8767, 27.9053)

Have a look what the booklet for
XYZ(14.2377, 15.8767, 27.9053)
contains.

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Color

**XYZ(14.2377, 15.8767,
27.9053)**

Conversions

Conversions Part 1

Format	Color
Hex	4F738E
RGB	79, 115, 142
RGB Percent	31%, 45%, 56%
CMY	0.6902, 0.5490, 0.4431
CMYK	0.44, 0.19, 0.00, 0.44
HSL	206°, 29%, 43%
HSV	206°, 44%, 56%
XYZ	14.2377, 15.8767, 27.9053
YIQ	107.3140, -30.1230, 0.7650

Conversions

Conversions Part 2

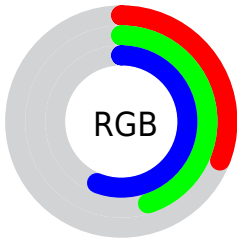
Format	Color
R_{YB}	79, 102, 142
Decimal	5206926
CIE _{Lab}	46.81, -5.20, -18.74
CIE _{LCh}	47, 19.450, 254.498
Yxy	15.8767, 0.2454, 0.2736
Android (android.graphics.Color)	4283397006 (0xFF4F738E)
YUV	107.3140, 17.1002, -24.8314
Hunter-Lab	39.8456, -5.9478, -13.6310

Details

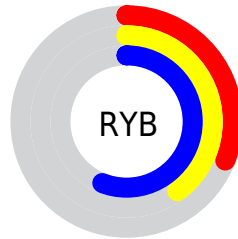
The XYZ color **14.2377, 15.8767, 27.9053** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **17.7212, 16.6240, 9.6725**, and the grayscale version is **14.0227, 14.7530, 16.0660**.

A 20% lighter version of the original color is **33.1426, 36.4482, 57.5130**, and **4.3909, 5.0200, 10.8628** is the 20% darker color. If you saturate the color by 10%, you get **12.5092, 13.9895, 27.6324**, and if you desaturate by 10%, it is **16.2654, 17.9868, 28.2060**.

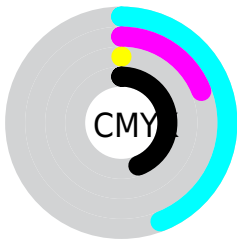
Distribution



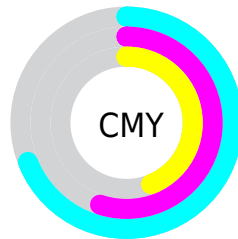
- Red (31%)
- Green (45%)
- Blue (56%)



- Red (31%)
- Yellow (40%)
- Blue (56%)



- Cyan (44%)
- Magenta (19%)
- Yellow (0%)
- Black (44%)



- Cyan (69%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2377, 15.8767, 27.9053 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 14.2377, 15.8767, 27.9053 by changing the saturation by 10% instead.

■ 14.2377, 15.8767,
27.9053

■ 14.2377, 15.8767,
27.9053

212.1857,
228.6131, 305.9118

■ 8.3690, 9.4369,
18.0159

■ 33.0930, 36.3840,
57.3545

■ 4.3857, 5.0273,
10.7918

■ 46.8102, 51.2204,
77.7513

■ 1.9226, 2.2633,
5.8146

■ 63.8743, 69.6244,
102.4877

■ 0.5899, 0.7542,
2.6657

■ 84.6507, 91.9804,
131.9822

■ 0.0000, 0.0000,
0.9261

■ 109.5047,
118.6729, 166.6533

■ 0.0000, 0.0000,
0.0000

138.8016,

150.0863, 206.9196

172.9068,
186.6048, 253.1996

■ 14.2377, 15.8767,
27.9053

■ 14.2377, 15.8767,
27.9053

■ 12.5092, 13.9895,
27.6324

■ 16.2654, 17.9868,
28.2060

■ 11.0613, 12.3133,
27.3852

■ 18.6064, 20.3275,
28.5344

■ 9.8754, 10.8376,
27.1629

■ 21.2756, 22.9078,
28.8918

■ 8.9299, 9.5498,
26.9641

■ 24.2867, 25.7361,
29.2790

■ 8.1977, 8.4346,
26.7875

■ 27.6523, 28.8201,
29.6969

■ 7.8356, 7.8591,
26.6955

■ 31.3844, 32.1671,
30.1462

■ 35.4946, 35.7841,
30.6277

■ 39.9938, 39.6779,
31.1422

■ 44.8923, 43.8549,
31.6903

Harmonies

Analogous

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



12.8874, 15.8767, 24.6715



14.2377, 15.8767, 27.9053



15.9193, 15.8767, 27.9634

Triad

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



14.2377, 15.8767, 27.9053



18.4631, 15.8767, 15.0585



12.9237, 15.8767, 11.4582

Complementary

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



14.2377, 15.8767, 27.9053



17.7212, 16.6240, 9.6725

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.



14.2907, 15.8767, 9.7466



14.2377, 15.8767, 27.9053



17.5309, 15.8767, 11.5461

Square

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



14.2377, 15.8767, 27.9053



18.4462, 15.8767, 19.8978



15.9763, 15.8767, 9.7754



12.1683, 15.8767, 14.9153

Rectangle

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



14.2377, 15.8767, 27.9053



17.0083, 15.8767, 26.1555



15.9763, 15.8767, 9.7754



13.3222, 15.8767, 10.6910

Sweetspot

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



14.2382, 15.8773, 27.9057



38.0683, 40.9195, 51.0197



15.4606, 22.0338, 16.8708



8.2811, 8.9285, 11.3663



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.



14.2382, 15.8773, 27.9057



22.1321, 24.7514, 48.7389



11.2973, 9.9955, 26.9254



5.3693, 5.7343, 6.8526



7.0536, 7.0933, 23.9744



0.0894, 0.1117, 0.2365

Inverse Universe

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



17.0463, 12.5812, 17.7502



27.8973, 18.7932, 27.7075



21.4772, 24.1360, 10.9245



5.5299, 5.4725, 6.2882



11.3635, 5.7024, 7.5653



0.1197, 0.0589, 0.1306

Previews

White Background



This preview shows how the XYZ color 14.2377, 15.8767, 27.9053 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 14.2377, 15.8767, 27.9053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

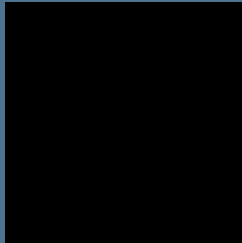
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

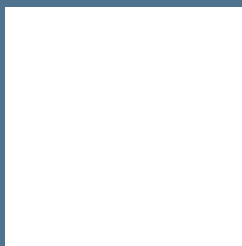
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2377, 15.8767, 27.9053

Background



This preview shows how black text looks on a background with the XYZ color 14.2377, 15.8767, 27.9053.

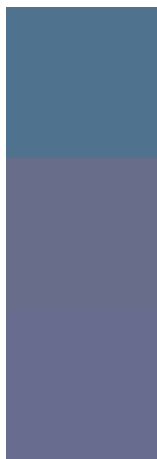


This preview shows how white text looks on a background with the XYZ color 14.2377, 15.8767,

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

14.2377, 15.8767, 27.9053

Protanopia

15.7650, 15.7153, 26.2472

Deuteranopia

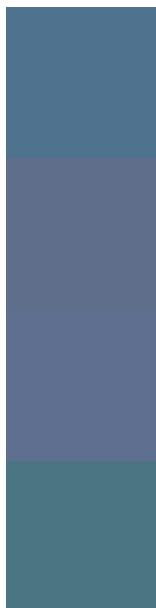
16.1355, 15.8635, 28.1981



Tritanopia

13.2108, 15.9850, 22.4678

Trichromacy



Original Color

14.2377, 15.8767, 27.9053

Protanomaly

15.0640, 15.6659, 26.6560

Deuteranomaly

15.3617, 15.7849, 28.2238

Tritanomaly

13.5066, 15.9250, 24.1918

Monochromacy



Original Color

14.2377, 15.8767, 27.9053

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.8959, 15.0493, 19.9417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2377, 15.8767, 27.9053 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(79, 115, 142)` looks like.

```
.text, #text, p{  
    color:rgb(79, 115, 142)  
}
```

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(79, 115, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 115, 142) }
```

Border

The CSS property to change the border of an element to XYZ 14.2377, 15.8767, 27.9053 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(79, 115, 142) }
```


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

```
.border{ border-color:rgb(79, 115, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 115, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 115, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 115, 142);  
box-shadow:4px 4px 4px 4px rgb(79, 115,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2377, 15.8767, 27.9053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 115, 142) }
```

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

```
.background{ background-color: rgb(79, 115,  
142) }
```

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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