

Converting Colors

XYZ(14.2386, 19.6634, 27.4711)

Have a look what the booklet for
XYZ(14.2386, 19.6634, 27.4711)
contains.

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Color

**XYZ(14.2386, 19.6634,
27.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	29878B
RGB	41, 135, 139
RGB Percent	16%, 53%, 55%
CMY	0.8392, 0.4706, 0.4549
CMYK	0.70, 0.03, 0.00, 0.45
HSL	182°, 54%, 35%
HSV	182°, 70%, 55%
XYZ	14.2386, 19.6634, 27.4711
YIQ	107.3500, -57.3080, -18.6840

Conversions

Conversions Part 2

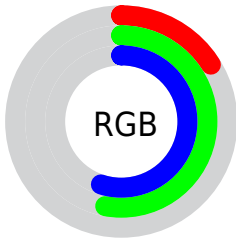
Format	Color
R_{YB}	41, 89, 139
Decimal	2721675
CIE _{Lab}	51.45, -25.20, -10.08
CIE _{LCh}	51, 27.142, 201.793
Yxy	19.6634, 0.2320, 0.3204
Android (android.graphics.Color)	4280911755 (0xFF29878B)
YUV	107.3500, 15.6035, -58.1889
Hunter-Lab	44.3434, -20.2850, -5.6902

Details

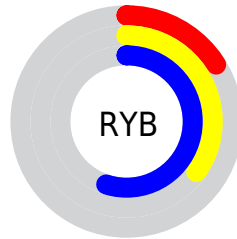
The XYZ color **14.2386, 19.6634, 27.4711** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.9865, 7.5263, 2.9193**, and the grayscale version is **14.0424, 14.7737, 16.0885**.

A 20% lighter version of the original color is **33.0789, 42.9677, 56.4193**, and **5.0517, 7.2183, 10.5782** is the 20% darker color. If you saturate the color by 10%, you get **13.7004, 19.2692, 27.4237**, and if you desaturate by 10%, it is **14.9743, 20.1609, 27.5287**.

Distribution



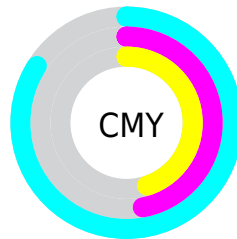
- Red (16%)
- Green (53%)
- Blue (55%)



- Red (16%)
- Yellow (35%)
- Blue (55%)



- Cyan (70%)
- Magenta (3%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2386, 19.6634, 27.4711 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 14.2386, 19.6634, 27.4711 by changing the saturation by 10% instead.

■ 14.2386, 19.6634,
27.4711

■ 14.2386, 19.6634,
27.4711

■ 212.1912,
250.0870, 303.7629

■ 8.3696, 12.1506,
17.6918

■ 33.0945, 42.8521,
56.6518

■ 4.3861, 6.8463,
10.5618

■ 46.8122, 59.2968,
76.8903

■ 1.9228, 3.3662,
5.6626

■ 63.8768, 79.4877,
101.4522

■ 0.5900, 1.3258,
2.5756

■ 84.6537, 103.8090,
130.7562

■ 0.0000, 0.1610,
0.8798

■ 109.5082,
132.6452, 165.2207

■ 0.0000, 0.0000,
0.0000

■ 138.8057,

166.3807, 205.2643

172.9116,
205.3998, 251.3055

■ 14.2386, 19.6634,
27.4711

■ 14.2386, 19.6634,
27.4711

■ 13.7004, 19.2692,
27.4237

■ 14.9743, 20.1609,
27.5287

■ 13.3361, 18.9648,
27.3842

■ 15.9242, 20.7690,
27.5960

■ 13.0929, 18.7293,
27.3515

■ 17.1053, 21.4970,
27.6743

■ 18.5324, 22.3524,
27.7642

■ 20.2191, 23.3422,
27.8663

■ 22.1781, 24.4731,
27.9814

■ 24.4209, 25.7509,
28.1098

■ 26.9589, 27.1815,
28.2522

■ 29.8023, 28.7701,
28.4089

Harmonies

Analogous

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



13.9730, 19.6634, 19.3407



14.2386, 19.6634, 27.4711



15.6355, 19.6634, 35.4808

Triad

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



14.2386, 19.6634, 27.4711



23.1113, 19.6634, 32.0841



19.4467, 19.6634, 9.7369

Complementary

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



14.2386, 19.6634, 27.4711



11.9865, 7.5263, 2.9193

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.



22.1173, 19.6634, 11.6594



14.2386, 19.6634, 27.4711



24.3633, 19.6634, 23.6221

Square

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



14.2386, 19.6634, 27.4711



20.7007, 19.6634, 38.5626



23.9829, 19.6634, 16.3134



16.8129, 19.6634, 10.2898

Rectangle

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



14.2386, 19.6634, 27.4711



17.1013, 19.6634, 39.0394



23.9829, 19.6634, 16.3134



20.3730, 19.6634, 10.0943

Sweetspot

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



14.2392, 19.6641, 27.4716



35.8986, 41.6209, 49.8845



10.6072, 19.1210, 5.5414



8.0961, 9.4878, 11.4841



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.



14.2392, 19.6641, 27.4716



24.0870, 34.1438, 49.0639



8.9619, 9.1095, 25.7125



5.1556, 5.6542, 6.4255



11.8198, 16.9100, 24.6867



0.0810, 0.1174, 0.1648

Inverse Universe

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



15.8141, 8.8247, 23.7922



27.1786, 13.7070, 41.6523



14.9861, 13.5254, 3.9191



5.2252, 5.1255, 6.2743



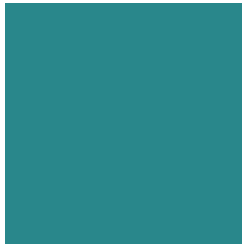
13.4529, 6.4913, 20.6871



0.0906, 0.0436, 0.1441

Previews

White Background



This preview shows how the XYZ color 14.2386, 19.6634, 27.4711 looks on a white 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

Black Background



This preview shows how the XYZ color 14.2386, 19.6634, 27.4711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

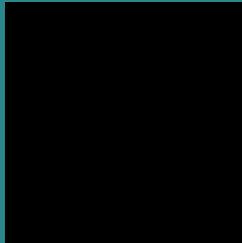
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.2386, 19.6634, 27.4711

Background



This preview shows how black text looks on a background with the XYZ color 14.2386, 19.6634, 27.4711.

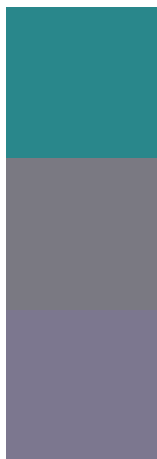


This preview shows how white text looks on a background with the XYZ color 14.2386, 19.6634,

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

14.2386, 19.6634, 27.4711

Protanopia

18.8927, 19.4240, 23.8726

Deuteranopia

19.8669, 19.4619, 28.6960



Tritanopia

14.7181, 19.6524, 29.8056

Trichromacy



Original Color

14.2386, 19.6634, 27.4711

Protanomaly

16.2087, 18.9423, 24.9922

Deuteranomaly

16.8322, 18.9999, 28.3714

Tritanomaly

14.5217, 19.5688, 28.9984

Monochromacy



Original Color

14.2386, 19.6634, 27.4711

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.2583, 15.8935, 19.8217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2386, 19.6634, 27.4711 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(41, 135, 139)` looks like.

```
.text, #text, p{  
    color:rgb(41, 135, 139)  
}
```

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(41, 135, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 135, 139) }
```

Border

The CSS property to change the border of an element to XYZ 14.2386, 19.6634, 27.4711 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(41, 135, 139) }
```


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

```
.border{ border-color:rgb(41, 135, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 135, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 135, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 135, 139);  
box-shadow:4px 4px 4px 4px rgb(41, 135,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2386, 19.6634, 27.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 135, 139) }
```

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

```
.background{ background-color: rgb(41, 135,  
139) }
```

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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