

Converting Colors

XYZ(19.2084, 26.2682, 24.7762)

Have a look what the booklet for
XYZ(19.2084, 26.2682, 24.7762)
contains.

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Color

**XYZ(19.2842, 26.3937,
24.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	579981
RGB	87, 153, 129
RGB Percent	34%, 60%, 51%
CMY	0.6588, 0.4000, 0.4941
CMYK	0.43, 0.00, 0.16, 0.40
HSL	158°, 27%, 47%
HSV	158°, 43%, 60%
XYZ	19.2842, 26.3937, 24.8470
YIQ	130.5300, -31.6320, -21.4560

Conversions

Conversions Part 2

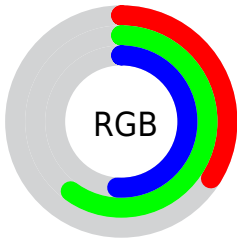
Format	Color
RYB	87, 127, 153
Decimal	5740929
CIELab	58.41, -26.92, 6.07
CIELCh	58, 27.600, 167.288
Yxy	26.3937, 0.2734, 0.3742
Android (android.graphics.Color)	4283931009 (0xFF579981)
YUV	130.5300, -0.7543, -38.1758
Hunter-Lab	51.3748, -22.9036, 7.2872

Details

The XYZ color **19.2842, 26.3937, 24.8470** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **19.4152, 14.7371, 16.8613**, and the grayscale version is **21.4173, 22.5326, 24.5380**.

A 20% lighter version of the original color is **41.8146, 54.0646, 52.4876**, and **6.7613, 10.2266, 9.2070** is the 20% darker color. If you saturate the color by 10%, you get **17.6446, 25.5907, 22.8923**, and if you desaturate by 10%, it is **21.2482, 27.3629, 26.9232**.

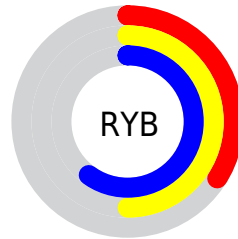
Distribution



Red (34%)

Green (60%)

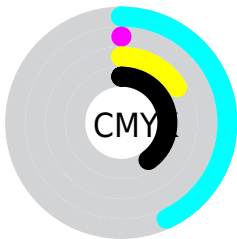
Blue (51%)



Red (34%)

Yellow (50%)

Blue (60%)

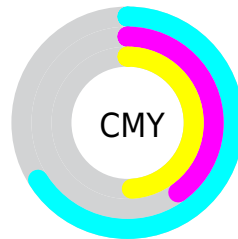


Cyan (43%)

Magenta (0%)

Yellow (16%)

Black (40%)



Cyan (66%)

Magenta (40%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2842, 26.3937, 24.8470 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 19.2842, 26.3937, 24.8470 by changing the saturation by 10% instead.

■ 19.2842, 26.3937,
24.8470

■ 19.2842, 26.3937,
24.8470

240.9214,
284.7094, 290.4984

■ 11.9810, 17.1184,
15.7451

■ 41.7269, 53.9094,
52.3699

■ 6.8029, 10.3189,
9.1916

■ 57.5972, 72.9186,
71.6281

■ 3.3844, 5.6109,
4.7678

■ 77.0540, 95.9412,
95.1087

■ 1.3601, 2.6100,
2.0554

■ 100.4625,
123.3616, 123.2304

■ 0.2275, 0.9317,
0.5890

128.1881,
155.5643, 156.4117

■ 0.0000, 0.0000,
0.0000

160.5962,

192.9335, 195.0711

198.0522,
235.8538, 239.6271

■ 19.2842, 26.3937,
24.8470

■ 19.2842, 26.3937,
24.8470

■ 17.6446, 25.5907,
22.8923

■ 21.2482, 27.3629,
26.9232

■ 16.3076, 24.9408,
21.0546

■ 23.5523, 28.5045,
29.1216

■ 15.2521, 24.4337,
19.3319


■ 26.2138, 29.8279,
31.4450


■ 14.4531, 24.0566,
17.7213


■ 29.2481, 31.3410,
33.8958

■ 13.8810, 23.7943,
16.2196


■ 32.6699, 33.0514,
36.4762

 13.5663, 23.6532,
15.2485

 36.4928, 34.9661,
39.1882

 40.7298, 37.0918,
42.0340

 45.3935, 39.4349,
45.0155

 50.4957, 42.0014,
48.1348

Harmonies

Analogous

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



20.6222, 26.3937, 17.9036



19.2842, 26.3937, 24.8470



19.3967, 26.3937, 34.6103

Triad

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



19.2842, 26.3937, 24.8470



27.0607, 26.3937, 50.3355



29.7409, 26.3937, 17.1504

Complementary

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



19.2842, 26.3937, 24.8470



19.4152, 14.7371, 16.8613

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.



31.7923, 26.3937, 23.5710



19.2842, 26.3937, 24.8470



30.1524, 26.3937, 43.2449

Square

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



19.2842, 26.3937, 24.8470



23.6881, 26.3937, 50.8946



31.9493, 26.3937, 33.0159



26.5387, 26.3937, 14.1763

Rectangle

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



19.2842, 26.3937, 24.8470



20.2785, 26.3937, 41.5034



31.9493, 26.3937, 33.0159



30.5999, 26.3937, 18.9023

Sweetspot

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



19.2849, 26.3948, 24.8476



46.8829, 53.3857, 56.2609



19.6932, 26.8642, 13.1647



10.1248, 11.6749, 12.2305



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.2849, 26.3948, 24.8476



31.6273, 45.8425, 41.0329



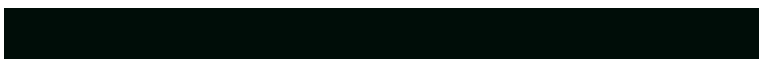
19.6847, 24.3344, 33.7977



6.2892, 6.9884, 7.4463



11.2282, 19.5547, 12.6883



0.1852, 0.2993, 0.2810

Inverse Universe

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



19.4152, 14.7371, 16.8613



31.9010, 22.0939, 24.8041



19.0227, 15.7905, 11.0626



6.2970, 6.2580, 6.9442



11.4550, 5.8362, 3.6551



0.1877, 0.0938, 0.1414

Previews

White Background



This preview shows how the XYZ color 19.2842, 26.3937, 24.8470 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 19.2842, 26.3937, 24.8470 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 19.2842, 26.3937, 24.8470

Background



This preview shows how black text looks on a background with the XYZ color 19.2842, 26.3937, 24.8470.



This preview shows how white text looks on a background with the XYZ color 19.2842, 26.3937,

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

19.2842, 26.3937, 24.8470

Protanopia

24.5995, 25.9814, 22.1307

Deuteranopia

26.6079, 26.0893, 25.8237



Tritanopia

21.8998, 26.5010, 37.6792

Trichromacy



Original Color

19.2842, 26.3937, 24.8470

Protanomaly

22.1324, 25.7872, 23.2130

Deuteranomaly

23.1979, 25.8372, 25.5942

Tritanomaly

20.7448, 26.2579, 32.4087

Monochromacy



Original Color

19.2842, 26.3937, 24.8470

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.3321, 23.7218, 24.6262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2842, 26.3937, 24.8470 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(87, 153, 129)` looks like.

```
.text, #text, p{  
    color:rgb(87, 153, 129)  
}
```

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(87, 153, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 153, 129) }
```

Border

The CSS property to change the border of an element to XYZ 19.2842, 26.3937, 24.8470 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(87, 153, 129) }
```


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

```
.border{ border-color:rgb(87, 153, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 153, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 153, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 153, 129);  
box-shadow:4px 4px 4px 4px rgb(87, 153,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2842, 26.3937, 24.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 153, 129) }
```

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

```
.background{ background-color: rgb(87, 153,  
129) }
```

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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