

Converting Colors

XYZ(18.4486, 27.4983, 25.1347)

Have a look what the booklet for
XYZ(18.4486, 27.4983, 25.1347)
contains.

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Color

**XYZ(18.4105, 27.4380,
25.0946)**

Conversions

Conversions Part 1

Format	Color
Hex	3F9F81
RGB	63, 159, 129
RGB Percent	25%, 62%, 51%
CMY	0.7529, 0.3765, 0.4941
CMYK	0.60, 0.00, 0.19, 0.38
HSL	161°, 43%, 44%
HSV	161°, 60%, 62%
XYZ	18.4105, 27.4380, 25.0946
YIQ	126.8760, -47.5860, -29.6820

Conversions

Conversions Part 2

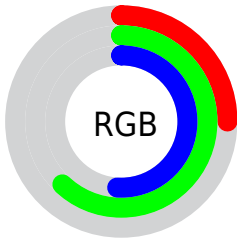
Format	Color
RYB	63, 120, 159
Decimal	4169601
CIELab	59.38, -35.61, 7.34
CIELCh	59, 36.354, 168.353
Yxy	27.4380, 0.2595, 0.3868
Android (android.graphics.Color)	4282359681 (0xFF3F9F81)
YUV	126.8760, 1.0471, -56.0193
Hunter-Lab	52.3813, -28.9297, 8.2625

Details

The XYZ color **18.4105, 27.4380, 25.0946** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **18.0523, 11.7170, 11.6672**, and the grayscale version is **20.1392, 21.1880, 23.0737**.

A 20% lighter version of the original color is **40.2358, 55.4636, 52.8409**, and **6.7057, 11.0946, 9.3775** is the 20% darker color. If you saturate the color by 10%, you get **17.2158, 26.8600, 23.3566**, and if you desaturate by 10%, it is **19.9161, 28.1757, 26.9322**.

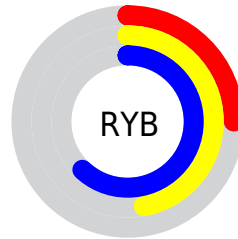
Distribution



Red (25%)

Green (62%)

Blue (51%)



Red (25%)

Yellow (47%)

Blue (62%)

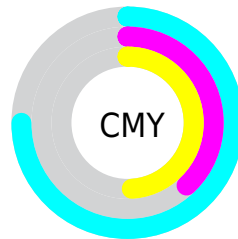


Cyan (60%)

Magenta (0%)

Yellow (19%)

Black (38%)



Cyan (75%)

Magenta (38%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4105, 27.4380, 25.0946 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 18.4105, 27.4380, 25.0946 by changing the saturation by 10% instead.

■ 18.4105, 27.4380,
25.0946

■ 18.4105, 27.4380,
25.0946

236.1759,
289.7716, 291.7715

■ 11.3466, 17.9024,
15.9279

■ 40.2602, 55.5859,
52.7767

■ 6.3695, 10.8800,
9.3193

■ 55.7767, 74.9671,
72.1291

■ 3.1138, 5.9862,
4.8504

■ 74.8414, 98.3989,
95.7139

■ 1.2142, 2.8367,
2.1026

■ 97.8197, 126.2658,
123.9495

■ 0.1176, 1.0471,
0.6173

■ 125.0769,
158.9521, 157.2545

■ 0.0000, 0.0000,
0.0000

156.9785,

196.8422, 196.0475

193.8897,
240.3206, 240.7470

■ 18.4105, 27.4380,
25.0946

■ 18.4105, 27.4380,
25.0946

■ 17.2158, 26.8600,
23.3566

■ 19.9161, 28.1757,
26.9322

■ 16.3034, 26.4251,
21.7139

■ 21.7534, 29.0819,
28.8698

■ 15.6432, 26.1184,
20.1645

■ 23.9441, 30.1684,
30.9100

■ 15.1757, 25.9080,
18.7570

■ 26.5073, 31.4449,
33.0550

■ 29.4607, 32.9207,
35.3066

■ 32.8210, 34.6043,
37.6666

■ 36.6037, 36.5036,
40.1369

■ 40.8236, 38.6262,
42.7192

■ 45.4946, 40.9794,
45.4151

Harmonies

Analogous

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



20.0692, 27.4380, 16.1200



18.4105, 27.4380, 25.0946



18.6215, 27.4380, 38.4853

Triad

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



18.4105, 27.4380, 25.0946



28.9337, 27.4380, 60.5475



32.3396, 27.4380, 14.7842

Complementary

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



18.4105, 27.4380, 25.0946



18.0523, 11.7170, 11.6672

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.



35.3013, 27.4380, 22.6560



18.4105, 27.4380, 25.0946



33.1827, 27.4380, 49.8245

Square

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



18.4105, 27.4380, 25.0946



24.3514, 27.4380, 61.7714



35.6266, 27.4380, 35.2276



27.8864, 27.4380, 11.4336

Rectangle

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



18.4105, 27.4380, 25.0946



19.7989, 27.4380, 48.2884



35.6266, 27.4380, 35.2276



33.5638, 27.4380, 16.8627

Sweetspot

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



18.4113, 27.4391, 25.0952



48.4884, 56.8210, 60.0008



17.8510, 27.5044, 9.0712



10.6210, 12.6552, 13.2808



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



18.4113, 27.4391, 25.0952



30.2909, 47.8431, 40.9297



17.8928, 22.7289, 36.2462



6.7335, 7.4742, 8.0314



12.0052, 20.4700, 14.9164



0.2327, 0.3732, 0.3620

Inverse Universe

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



18.0523, 11.7170, 11.6672



29.6258, 17.2159, 14.9410



18.1089, 13.5562, 6.3653



6.7142, 6.6786, 7.3461



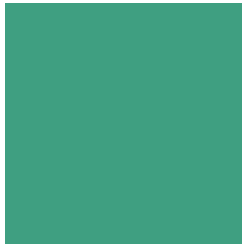
11.7596, 6.0084, 2.9851



0.2281, 0.1146, 0.1474

Previews

White Background



This preview shows how the XYZ color 18.4105, 27.4380, 25.0946 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 18.4105, 27.4380, 25.0946 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 18.4105, 27.4380, 25.0946

Background



This preview shows how black text looks on a background with the XYZ color 18.4105, 27.4380, 25.0946.



This preview shows how white text looks on a background with the XYZ color 18.4105, 27.4380,

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

18.4105, 27.4380, 25.0946

Protanopia

25.6408, 27.1861, 21.6653

Deuteranopia

27.5468, 26.9835, 26.3107



Tritanopia

21.4190, 27.4009, 40.2364

Trichromacy



Original Color

18.4105, 27.4380, 25.0946

Protanomaly

21.6363, 26.4614, 22.7061

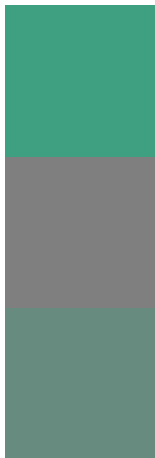
Deuteranomaly

22.6024, 26.2018, 25.6960

Tritanomaly

20.2368, 27.4164, 34.3623

Monochromacy



Original Color

18.4105, 27.4380, 25.0946

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.8378, 22.9668, 23.8623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4105, 27.4380, 25.0946 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(63, 159, 129)` looks like.

```
.text, #text, p{  
    color:rgb(63, 159, 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(63, 159, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 159, 129) }
```

Border

The CSS property to change the border of an element to XYZ 18.4105, 27.4380, 25.0946 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(63, 159, 129) }
```


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

```
.border{ border-color:rgb(63, 159, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 159, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 159, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 159, 129);  
box-shadow:4px 4px 4px 4px rgb(63, 159,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4105, 27.4380, 25.0946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 159, 129) }
```

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

```
.background{ background-color: rgb(63, 159,  
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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