

Converting Colors

XYZ(18.6892, 27.2345, 24.0618)

Have a look what the booklet for
XYZ(18.6892, 27.2345, 24.0618)
contains.

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Color

**XYZ(18.7404, 27.3765,
24.0351)**

Conversions

Conversions Part 1

Format	Color
Hex	499E7E
RGB	73, 158, 126
RGB Percent	29%, 62%, 49%
CMY	0.7137, 0.3804, 0.5059
CMYK	0.54, 0.00, 0.20, 0.38
HSL	157°, 37%, 45%
HSV	157°, 54%, 62%
XYZ	18.7404, 27.3765, 24.0351
YIQ	128.9370, -40.3880, -27.9720

Conversions

Conversions Part 2

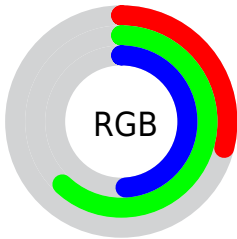
Format	Color
R_{YB}	73, 125, 158
Decimal	4824702
CIE _{Lab}	59.32, -33.64, 8.99
CIE _{LCh}	59, 34.825, 165.036
Yxy	27.3765, 0.2671, 0.3902
Android (android.graphics.Color)	4283014782 (0xFF499E7E)
YUV	128.9370, -1.4479, -49.0567
Hunter-Lab	52.3226, -27.6310, 9.3901

Details

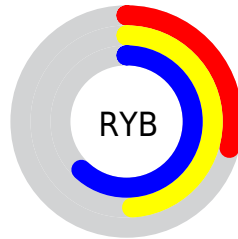
The XYZ color **18.7404, 27.3765, 24.0351** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **19.0338, 13.0548, 14.8823**, and the grayscale version is **20.8598, 21.9462, 23.8994**.

A 20% lighter version of the original color is **40.8330, 55.4324, 51.1952**, and **6.5437, 10.8697, 8.7744** is the 20% darker color. If you saturate the color by 10%, you get **17.3196, 26.6878, 22.0245**, and if you desaturate by 10%, it is **20.4897, 28.2333, 26.1815**.

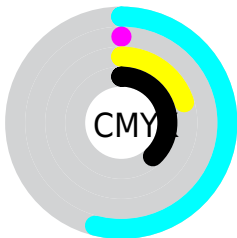
Distribution



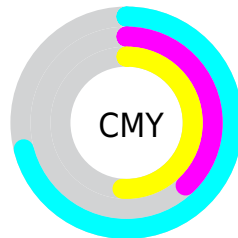
- Red (29%)
- Green (62%)
- Blue (49%)



- Red (29%)
- Yellow (49%)
- Blue (62%)



- Cyan (54%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)



- Cyan (71%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7404, 27.3765, 24.0351 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 18.7404, 27.3765, 24.0351 by changing the saturation by 10% instead.

■ 18.7404, 27.3765,
24.0351

■ 18.7404, 27.3765,
24.0351

237.9776,
289.4755, 286.2902

■ 11.5857, 17.8562,
15.1472

■ 40.8152, 55.4874,
51.0320

■ 6.5324, 10.8468,
8.7750

■ 56.4661, 74.8469,
69.9781

■ 3.2152, 5.9639,
4.4999

■ 75.6798, 98.2548,
93.1141

■ 1.2685, 2.8231,
1.9034

■ 98.8217, 126.0956,
120.8584

■ 0.1595, 1.0401,
0.4949

■ 126.2570,
158.7536, 153.6296

■ 0.0000, 0.0000,
0.0000

158.3512,

196.6134, 191.8463

195.4696,
240.0592, 235.9270

■ 18.7404, 27.3765,
24.0351

■ 18.7404, 27.3765,
24.0351

■ 17.3196, 26.6878,
22.0245

■ 20.4897, 28.2333,
26.1815

■ 16.2011, 26.1516,
20.1445

■ 22.5866, 29.2660,
28.4647

■ 15.3583, 25.7551,
18.3925

■ 25.0515, 30.4856,
30.8883

■ 14.7586, 25.4813,
16.7648

■ 27.9024, 31.9014,
33.4549

■ 14.4564, 25.3463,
15.8140

■ 31.1561, 33.5221,
36.1674

■ 34.8284, 35.3557,
39.0281

■ 38.9344, 37.4100,
42.0397

■ 43.4881, 39.6922,
45.2045

■ 48.5032, 42.2093,
48.5248

Harmonies

Analogous

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



20.5342, 27.3765, 15.8705



18.7404, 27.3765, 24.0351



18.7426, 27.3765, 36.4725

Triad

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



18.7404, 27.3765, 24.0351



28.2539, 27.3765, 59.4841



32.3976, 27.3765, 15.8565

Complementary

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



18.7404, 27.3765, 24.0351



19.0338, 13.0548, 14.8823

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.



34.9740, 27.3765, 24.0098



18.7404, 27.3765, 24.0351



32.4062, 27.3765, 50.1690

Square

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



18.7404, 27.3765, 24.0351



23.9178, 27.3765, 59.4965



34.9773, 27.3765, 36.4391



28.2431, 27.3765, 12.1245

Rectangle

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



18.7404, 27.3765, 24.0351



19.7490, 27.3765, 45.8039



34.9773, 27.3765, 36.4391



33.4964, 27.3765, 18.0518

Sweetspot

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



18.7411, 27.3776, 24.0357



49.2985, 57.2494, 59.5544



19.3248, 27.9746, 10.6849



10.8847, 12.7927, 13.2223



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.



18.7411, 27.3776, 24.0357



30.8994, 48.1973, 39.1286



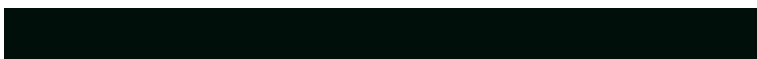
19.5230, 25.0921, 36.1632



6.7158, 7.4671, 7.9383



11.5972, 20.3068, 12.7678



0.2274, 0.3711, 0.3336

Inverse Universe

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



19.0338, 13.0548, 14.8823



31.5080, 19.2993, 20.7505



18.3909, 13.9246, 8.0222



6.7312, 6.6854, 7.4356



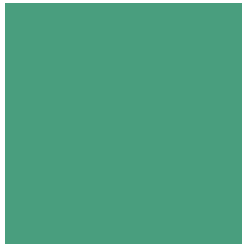
11.9534, 6.0859, 4.0055



0.2335, 0.1167, 0.1756

Previews

White Background



This preview shows how the XYZ color 18.7404, 27.3765, 24.0351 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 18.7404, 27.3765, 24.0351 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 18.7404, 27.3765, 24.0351

Background



This preview shows how black text looks on a background with the XYZ color 18.7404, 27.3765, 24.0351.

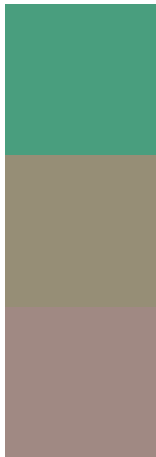


This preview shows how white text looks on a background with the XYZ color 18.7404, 27.3765,

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

18.7404, 27.3765, 24.0351

Protanopia

25.5207, 27.1380, 21.0326

Deuteranopia

27.5396, 27.0036, 25.2335



Tritanopia

21.9291, 27.4304, 39.7361

Trichromacy



Original Color

18.7404, 27.3765, 24.0351

Protanomaly

22.0671, 26.6979, 22.0793

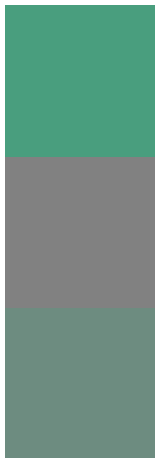
Deuteranomaly

22.9899, 26.4250, 24.6577

Tritanomaly

20.7006, 27.4264, 33.4809

Monochromacy



Original Color

18.7404, 27.3765, 24.0351

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.5810, 23.5659, 23.9387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7404, 27.3765, 24.0351 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(73, 158, 126)` looks like.

```
.text, #text, p{  
    color:rgb(73, 158, 126)  
}
```

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(73, 158, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 158, 126) }
```

Border

The CSS property to change the border of an element to XYZ 18.7404, 27.3765, 24.0351 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(73, 158, 126) }
```


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

```
.border{ border-color:rgb(73, 158, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 158, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 158, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 158, 126);  
box-shadow:4px 4px 4px 4px rgb(73, 158,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7404, 27.3765, 24.0351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 158, 126) }
```

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

```
.background{ background-color: rgb(73, 158,  
126) }
```

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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