

Converting Colors

XYZ(19.4563, 27.4605, 24.1111)

Have a look what the booklet for
XYZ(19.4563, 27.4605, 24.1111)
contains.

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Color

**XYZ(19.4790, 27.5051,
24.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	549D7E
RGB	84, 157, 126
RGB Percent	33%, 62%, 49%
CMY	0.6706, 0.3843, 0.5059
CMYK	0.46, 0.00, 0.20, 0.38
HSL	155°, 30%, 47%
HSV	155°, 46%, 62%
XYZ	19.4790, 27.5051, 24.0210
YIQ	131.6390, -33.5570, -25.1170

Conversions

Conversions Part 2

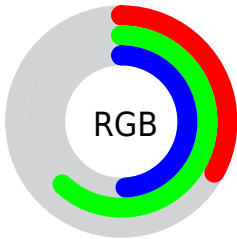
Format	Color
RYB	84, 130, 157
Decimal	5545342
CIELab	59.44, -30.38, 9.22
CIELCh	59, 31.746, 163.118
Yxy	27.5051, 0.2743, 0.3874
Android (android.graphics.Color)	4283735422 (0xFF549D7E)
YUV	131.6390, -2.7800, -41.7794
Hunter-Lab	52.4453, -25.4816, 9.5557

Details

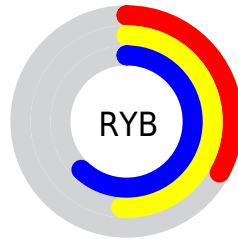
The XYZ color **19.4790, 27.5051, 24.0210** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.1704, 14.7472, 18.0041**, and the grayscale version is **21.8211, 22.9575, 25.0007**.

A 20% lighter version of the original color is **42.1614, 55.7449, 51.1855**, and **6.8978, 10.9002, 8.7616** is the 20% darker color. If you saturate the color by 10%, you get **17.8123, 26.6947, 21.7718**, and if you desaturate by 10%, it is **21.4909, 28.4916, 26.4372**.

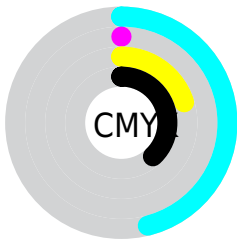
Distribution



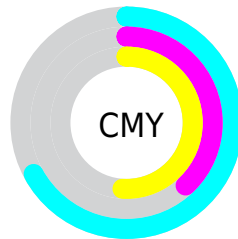
- Red (33%)
- Green (62%)
- Blue (49%)



- Red (33%)
- Yellow (51%)
- Blue (62%)



- Cyan (46%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)



- Cyan (67%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4790, 27.5051, 24.0210 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 19.4790, 27.5051, 24.0210 by changing the saturation by 10% instead.

■ 19.4790, 27.5051,
24.0210

■ 19.4790, 27.5051,
24.0210

241.9682,
290.0945, 286.2166

■ 12.1230, 17.9529,
15.1369

■ 42.0526, 55.6933,
51.0087

■ 6.9003, 10.9162,
8.7678

■ 58.0008, 75.0982,
69.9494

■ 3.4456, 6.0105,
4.4953

■ 77.5439, 98.5561,
93.0793

■ 1.3935, 2.8515,
1.9008

■ 101.0470,
126.4513, 120.8170

■ 0.2516, 1.0547,
0.4932

■ 128.8757,
159.1684, 153.5811

■ 0.0000, 0.0000,
0.0000

161.3952,

197.0917, 191.7900

198.9709,
240.6056, 235.8623

■ 19.4790, 27.5051,
24.0210

■ 19.4790, 27.5051,
24.0210

■ 17.8123, 26.6947,
21.7718

■ 21.4909, 28.4916,
26.4372

■ 16.4667, 26.0458,
19.6839

■ 23.8655, 29.6610,
29.0224

■ 15.4183, 25.5470,
17.7538


■ 26.6220, 31.0239,
31.7807


■ 14.6390, 25.1838,
15.9770


■ 29.7774, 32.5888,
34.7157


■ 14.0872, 24.9348,
14.3484


■ 33.3476, 34.3641,
37.8305

 13.9169, 24.8587,
13.8109

 37.3478, 36.3574,
41.1286

 41.7922, 38.5760,
44.6131

 46.6945, 41.0270,
48.2869

 52.0676, 43.7170,
52.1532

Harmonies

Analogous

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



21.2507, 27.5051, 16.6240



19.4790, 27.5051, 24.0210



19.3722, 27.5051, 35.2062

Triad

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



19.4790, 27.5051, 24.0210



27.9194, 27.5051, 56.7838



32.1397, 27.5051, 17.3213

Complementary

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



19.4790, 27.5051, 24.0210



20.1704, 14.7472, 18.0041

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.



34.3314, 27.5051, 25.2420



19.4790, 27.5051, 24.0210



31.7333, 27.5051, 48.9764

Square

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



19.4790, 27.5051, 24.0210



23.9817, 27.5051, 56.2147



34.1755, 27.5051, 36.7785



28.4300, 27.5051, 13.4839

Rectangle

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



19.4790, 27.5051, 24.0210



20.2399, 27.5051, 43.5984



34.1755, 27.5051, 36.7785



33.0945, 27.5051, 19.4939

Sweetspot

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



19.4798, 27.5062, 24.0216



48.8712, 56.1508, 58.0569



20.8119, 28.4431, 12.7810



10.5159, 12.2378, 12.5478



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.4798, 27.5062, 24.0216



31.7433, 47.7303, 38.7643



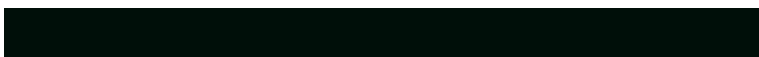
20.9927, 26.8200, 35.9699



6.7026, 7.4618, 7.8686



11.3214, 20.1965, 11.3155



0.2233, 0.3695, 0.3123

Inverse Universe

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



20.1704, 14.7472, 18.0041



33.1452, 21.9522, 26.6394



19.0669, 14.9314, 10.2650



6.7441, 6.6906, 7.5036



12.1258, 6.1549, 4.9136



0.2375, 0.1183, 0.1969

Previews

White Background



This preview shows how the XYZ color 19.4790, 27.5051, 24.0210 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 19.4790, 27.5051, 24.0210 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 19.4790, 27.5051, 24.0210

Background



This preview shows how black text looks on a background with the XYZ color 19.4790, 27.5051, 24.0210.



This preview shows how white text looks on a background with the XYZ color 19.4790, 27.5051,

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

19.4790, 27.5051, 24.0210

Protanopia

25.5805, 27.1619, 21.3473

Deuteranopia

27.6729, 27.0801, 24.8876



Tritanopia

22.5452, 27.5165, 39.2449

Trichromacy



Original Color

19.4790, 27.5051, 24.0210

Protanomaly

22.5508, 26.7082, 22.3790

Deuteranomaly

23.6086, 26.5180, 24.6431

Tritanomaly

21.2771, 27.4869, 33.0382

Monochromacy



Original Color

19.4790, 27.5051, 24.0210

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.6244, 24.3063, 24.7237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4790, 27.5051, 24.0210 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(84, 157, 126)` looks like.

```
.text, #text, p{  
    color:rgb(84, 157, 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(84, 157, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 157, 126) }
```

Border

The CSS property to change the border of an element to XYZ 19.4790, 27.5051, 24.0210 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(84, 157, 126) }
```


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

```
.border{ border-color:rgb(84, 157, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 157, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 157, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 157, 126);  
box-shadow:4px 4px 4px 4px rgb(84, 157,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4790, 27.5051, 24.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 157, 126) }
```

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

```
.background{ background-color: rgb(84, 157,  
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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