

Converting Colors

XYZ(19.5305, 24.4696, 24.2941)

Have a look what the booklet for
XYZ(19.5305, 24.4696, 24.2941)
contains.

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Color

**XYZ(19.5292, 24.4151,
24.4522)**

Conversions

Conversions Part 1

Format	Color
Hex	679081
RGB	103, 144, 129
RGB Percent	40%, 56%, 51%
CMY	0.5961, 0.4353, 0.4941
CMYK	0.28, 0.00, 0.10, 0.44
HSL	158°, 17%, 48%
HSV	158°, 28%, 56%
XYZ	19.5292, 24.4151, 24.4522
YIQ	130.0310, -19.6210, -13.3570

Conversions

Conversions Part 2

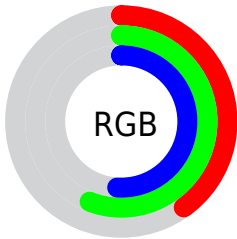
Format	Color
RYB	103, 128, 144
Decimal	6787201
CIELab	56.50, -17.46, 3.43
CIElCh	57, 17.796, 168.872
Yxy	24.4151, 0.2855, 0.3570
Android (android.graphics.Color)	4284977281 (0xFF679081)
YUV	130.0310, -0.5083, -23.7062
Hunter-Lab	49.4116, -15.9210, 5.2475

Details

The XYZ color **19.5292, 24.4151, 24.4522** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6227, 16.9383, 19.3756**, and the grayscale version is **21.2363, 22.3422, 24.3307**.

A 20% lighter version of the original color is **42.1551, 50.7341, 51.8268**, and **6.8836, 9.1922, 9.0009** is the 20% darker color. If you saturate the color by 10%, you get **17.6765, 23.5001, 22.5845**, and if you desaturate by 10%, it is **21.6858, 25.4860, 26.4295**.

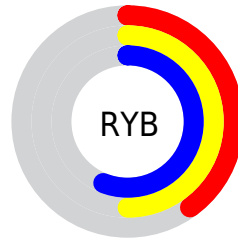
Distribution



Red (40%)

Green (56%)

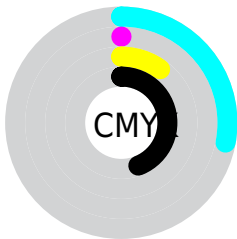
Blue (51%)



Red (40%)

Yellow (50%)

Blue (56%)

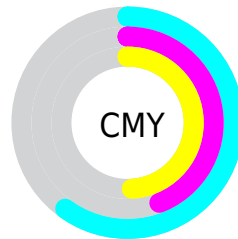


Cyan (28%)

Magenta (0%)

Yellow (10%)

Black (44%)



Cyan (60%)

Magenta (44%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5292, 24.4151, 24.4522 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 19.5292, 24.4151, 24.4522 by changing the saturation by 10% instead.

■ 19.5292, 24.4151,
24.4522

■ 19.5292, 24.4151,
24.4522

242.2373,
274.9124, 288.4586

■ 12.1596, 15.6418,
15.4541

■ 42.1364, 50.7067,
51.7202

■ 6.9254, 9.2711,
8.9886

■ 58.1047, 68.9939,
70.8271

■ 3.4614, 4.9184,
4.6370

■ 77.6699, 91.2211,
94.1408

■ 1.4022, 2.1995,
1.9809

■ 101.1974,
117.7729, 122.0797

■ 0.2578, 0.7197,
0.5435

129.0525,
149.0335, 155.0624

■ 0.0000, 0.0000,
0.0000

161.6007,

185.3873, 193.5074

199.2071,
227.2188, 237.8333

■ 19.5292, 24.4151,
24.4522

■ 19.5292, 24.4151,
24.4522

■ 17.6765, 23.5001,
22.5845

■ 21.6858, 25.4860,
26.4295

■ 16.1109, 22.7303,
20.8226

■ 24.1581, 26.7169,
28.5166

■ 14.8168, 22.0986,
19.1649

■ 26.9597, 28.1154,
30.7162

■ 13.7764, 21.5956,
17.6090

■ 30.1028, 29.6877,
33.0301

■ 12.9698, 21.2112,
16.1525

■ 33.5989, 31.4399,
35.4602

■ 12.3736, 20.9333,
14.7928

■ 37.4591, 33.3775,
38.0082

■ 11.9383, 20.7365,
13.5260

■ 41.6938, 35.5059,
40.6759

■ 11.8757, 20.7083,
13.3402

■ 46.3132, 37.8303,
43.4649

■ 51.3269, 40.3557,
46.3769

Harmonies

Analogous

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



20.3459, 24.4151, 19.7934



19.5292, 24.4151, 24.4522



19.6530, 24.4151, 30.4281

Triad

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



19.5292, 24.4151, 24.4522



24.5119, 24.4151, 38.8398



25.9123, 24.4151, 18.9160

Complementary

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



19.5292, 24.4151, 24.4522



19.6227, 16.9383, 19.3756

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.



27.1629, 24.4151, 23.0780



19.5292, 24.4151, 24.4522



26.3219, 24.4151, 34.7730

Square

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



19.5292, 24.4151, 24.4522



22.4490, 24.4151, 39.3530



27.3171, 24.4151, 28.8360



23.9794, 24.4151, 16.9272

Rectangle

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



19.5292, 24.4151, 24.4522



20.2541, 24.4151, 34.3650



27.3171, 24.4151, 28.8360



26.4312, 24.4151, 20.0761

Sweetspot

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



19.5299, 24.4161, 24.4528



42.2782, 46.9561, 50.0260



19.8979, 24.7808, 16.5666



9.5566, 10.6989, 11.3581



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.5299, 24.4161, 24.4528



32.3490, 42.0257, 41.0539



19.7935, 23.2285, 29.8272



5.4777, 6.0833, 6.4812



10.3526, 18.0369, 11.6770



0.1096, 0.1767, 0.1676

Inverse Universe

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



19.6227, 16.9383, 19.3756



32.5412, 26.6647, 30.6323



19.3624, 17.7329, 15.2345



5.4854, 5.4547, 6.0539



10.5797, 5.3889, 3.4382



0.1111, 0.0555, 0.0852

Previews

White Background



This preview shows how the XYZ color 19.5292, 24.4151, 24.4522 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 19.5292, 24.4151, 24.4522 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 19.5292, 24.4151, 24.4522

Background



This preview shows how black text looks on a background with the XYZ color 19.5292, 24.4151, 24.4522.



This preview shows how white text looks on a background with the XYZ color 19.5292, 24.4151,

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

19.5292, 24.4151, 24.4522

Protanopia

23.1173, 24.3586, 22.5521

Deuteranopia

24.6756, 24.2881, 25.2173



Tritanopia

21.3767, 24.5049, 33.3090

Trichromacy



Original Color

19.5292, 24.4151, 24.4522

Protanomaly

21.6068, 24.1953, 23.2700

Deuteranomaly

22.4166, 24.1525, 24.9532

Tritanomaly

20.6509, 24.4238, 30.0114

Monochromacy



Original Color

19.5292, 24.4151, 24.4522

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.4390, 22.9327, 24.4683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5292, 24.4151, 24.4522 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(103, 144, 129)` looks like.

```
.text, #text, p{  
    color:rgb(103, 144, 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(103, 144, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 144, 129) }
```

Border

The CSS property to change the border of an element to XYZ 19.5292, 24.4151, 24.4522 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(103, 144, 129) }
```


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

```
.border{ border-color:rgb(103, 144, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 144, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 144, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 144, 129);  
box-shadow:4px 4px 4px 4px rgb(103, 144,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5292, 24.4151, 24.4522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 144, 129) }
```

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

```
.background{ background-color: rgb(103,  
144, 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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