

Converting Colors

XYZ(19.5419, 19.2686, 24.5614)

Have a look what the booklet for
XYZ(19.5419, 19.2686, 24.5614)
contains.

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Color

**XYZ(19.5454, 19.2120,
24.5079)**

Conversions

Conversions Part 1

Format	Color
Hex	807684
RGB	128, 118, 132
RGB Percent	50%, 46%, 52%
CMY	0.4980, 0.5372, 0.4824
CMYK	0.03, 0.11, 0.00, 0.48
HSL	283°, 6%, 49%
HSV	283°, 11%, 52%
XYZ	19.5454, 19.2120, 24.5079
YIQ	122.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

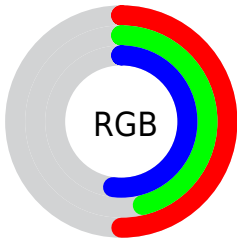
Format	Color
R_{YB}	128, 118, 132
Decimal	8418948
CIE _{Lab}	50.93, 6.61, -6.26
CIE _{LCh}	51, 9.104, 316.599
Yxy	19.2120, 0.3089, 0.3037
Android (android.graphics.Color)	4286609028 (0xFF807684)
YUV	122.5860, 4.6411, 4.7481
Hunter-Lab	43.8315, 2.8918, -2.4693

Details

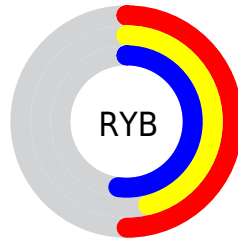
The XYZ color **19.5454, 19.2120, 24.5079** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5479, 21.9486, 20.3467**, and the grayscale version is **18.6759, 19.6485, 21.3972**.

A 20% lighter version of the original color is **42.1877, 42.0760, 51.7969**, and **6.9759, 6.6671, 9.1028** is the 20% darker color. If you saturate the color by 10%, you get **17.5418, 16.0312, 23.9998**, and if you desaturate by 10%, it is **21.7887, 22.8404, 25.0903**.

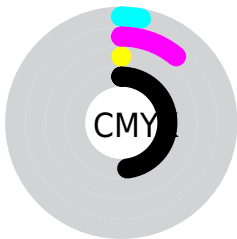
Distribution



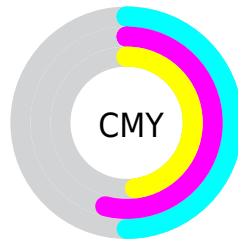
- Red (50%)
- Green (46%)
- Blue (52%)



- Red (50%)
- Yellow (46%)
- Blue (52%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (48%)



- Cyan (50%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5454, 19.2120, 24.5079 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 19.5454, 19.2120, 24.5079 by changing the saturation by 10% instead.

■ 19.5454, 19.2120,
24.5079

■ 19.5454, 19.2120,
24.5079

242.3241,
247.6166, 288.7471

■ 12.1714, 11.8236,
15.4951

■ 42.1635, 42.0920,
51.8119

■ 6.9335, 6.6237,
9.0171

■ 58.1382, 58.3524,
70.9403

■ 3.4665, 3.2279,
4.6554

■ 77.7106, 78.3389,
94.2776

■ 1.4050, 1.2518,
1.9914

101.2459,
102.4359, 122.2424

■ 0.2598, 0.1034,
0.5500

129.1096,
131.0277, 155.2532

■ 0.0000, 0.0000,
0.0000

161.6669,

164.4989, 193.7285

199.2833,
203.2337, 238.0870

■ 19.5454, 19.2120,
24.5079

■ 19.5454, 19.2120,
24.5079

■ 17.5418, 16.0312,
23.9998

■ 21.7887, 22.8404,
25.0903

■ 15.7672, 13.2775,
23.5619

■ 24.2788, 26.9310,
25.7486

■ 14.2121, 10.9324,
23.1912

■ 27.0245, 31.5007,
26.4860

■ 12.8660, 8.9749,
22.8843

■ 30.0335, 36.5650,
27.3049

■ 11.7173, 7.3825,
22.6374

■ 33.3135, 42.1384,
28.2078

■ 10.7534, 6.1299,
22.4465

■ 36.8715, 48.2350,
29.1970

■ 9.9598, 5.1887,
22.3066

■ 40.7144, 54.8682,
30.2748

■ 9.3198, 4.5259,
22.2124

■ 44.8489, 62.0512,
31.4433

■ 8.8103, 4.0607,
22.1495

■ 49.2815, 69.7964,
32.7047

Harmonies

Analogous

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



18.7587, 19.2120, 26.0307



19.5454, 19.2120, 24.5079



19.9941, 19.2120, 22.0871

Triad

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



19.5454, 19.2120, 24.5079



18.6640, 19.2120, 16.4629



16.6534, 19.2120, 22.3650

Complementary

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



19.5454, 19.2120, 24.5079



19.5479, 21.9486, 20.3467

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.



16.6300, 19.2120, 19.7921



19.5454, 19.2120, 24.5079



17.7710, 19.2120, 16.5239

Square

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



19.5454, 19.2120, 24.5079



19.4741, 19.2120, 17.5239



17.0330, 19.2120, 17.6981



17.0983, 19.2120, 24.7257

Rectangle

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



19.5454, 19.2120, 24.5079



20.0320, 19.2120, 20.3548



17.0330, 19.2120, 17.6981



16.5965, 19.2120, 21.4927

Sweetspot

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



19.5460, 19.2128, 24.5083



37.3676, 38.5847, 43.9313



18.6209, 19.4865, 24.6099



8.6301, 8.8700, 10.2099



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.5460, 19.2128, 24.5083



33.4409, 32.2618, 42.9178



19.9705, 19.4535, 23.5414



4.7317, 4.6978, 5.8581



8.5358, 3.9345, 21.4462



0.0368, 0.0173, 0.0746

Inverse Universe

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



19.5076, 19.2684, 21.1042



33.3676, 32.3882, 35.4969



19.1621, 21.7301, 21.2101



4.7233, 4.7090, 5.1550



9.5500, 4.8844, 2.2028



0.0359, 0.0181, 0.0225

Previews

White Background



This preview shows how the XYZ color 19.5454, 19.2120, 24.5079 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 19.5454, 19.2120, 24.5079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

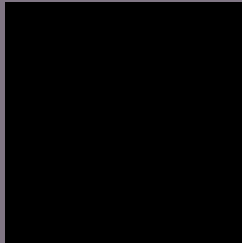
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5454, 19.2120, 24.5079

Background



This preview shows how black text looks on a background with the XYZ color 19.5454, 19.2120, 24.5079.

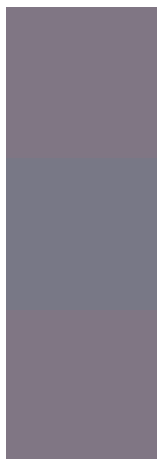


This preview shows how white text looks on a background with the XYZ color 19.5454, 19.2120,

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

19.5454, 19.2120, 24.5079

Protanopia

18.7653, 19.1472, 25.2610

Deuteranopia

19.5454, 19.2120, 24.5079



Tritanopia

19.2455, 19.2642, 23.1261

Trichromacy



Original Color

19.5454, 19.2120, 24.5079

Protanomaly

18.9988, 19.0981, 24.8752

Deuteranomaly

19.5454, 19.2120, 24.5079

Tritanomaly

19.3117, 19.2907, 23.4745

Monochromacy



Original Color

19.5454, 19.2120, 24.5079

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.0607, 19.5411, 22.5059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5454, 19.2120, 24.5079 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(128, 118, 132)` looks like.

```
.text, #text, p{  
    color:rgb(128, 118, 132)  
}
```

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(128, 118, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 118, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.5454, 19.2120, 24.5079 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(128, 118, 132) }
```


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

```
.border{ border-color:rgb(128, 118, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 118, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 118, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 118, 132);  
box-shadow:4px 4px 4px 4px rgb(128, 118,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5454, 19.2120, 24.5079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 118, 132) }
```

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

```
.background{ background-color: rgb(128,  
118, 132) }
```

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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