

Converting Colors

XYZ(19.5473, 18.6494, 24.3890)

Have a look what the booklet for
XYZ(19.5473, 18.6494, 24.3890)
contains.

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Color

**XYZ(19.6557, 18.7527,
24.4135)**

Conversions

Conversions Part 1

Format	Color
Hex	837384
RGB	131, 115, 132
RGB Percent	51%, 45%, 52%
CMY	0.4863, 0.5490, 0.4823
CMYK	0.01, 0.13, 0.00, 0.48
HSL	296°, 7%, 48%
HSV	296°, 13%, 52%
XYZ	19.6557, 18.7527, 24.4135
YIQ	121.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

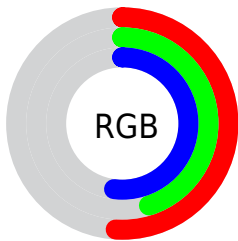
Format	Color
R_{YB}	131, 115, 132
Decimal	8614788
CIE Lab	50.40, 9.49, -7.03
CIE LCh	50, 11.805, 323.475
Yxy	18.7527, 0.3129, 0.2985
Android (android.graphics.Color)	4286804868 (0xFF837384)
YUV	121.7220, 5.0671, 8.1368
Hunter-Lab	43.3044, 5.2378, -3.1126

Details

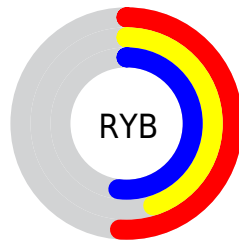
The XYZ color **19.6557, 18.7527, 24.4135** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.5489, 21.4538, 19.3839**, and the grayscale version is **18.3916, 19.3494, 21.0715**.

A 20% lighter version of the original color is **42.3428, 41.3306, 51.6448**, and **7.0482, 6.4327, 9.0538** is the 20% darker color. If you saturate the color by 10%, you get **18.1374, 15.8936, 23.9419**, and if you desaturate by 10%, it is **21.3916, 22.0450, 24.9578**.

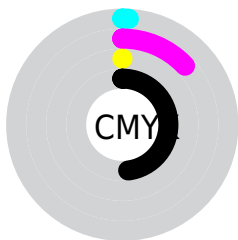
Distribution



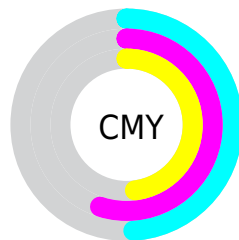
- Red (51%)
- Green (45%)
- Blue (52%)



- Red (51%)
- Yellow (45%)
- Blue (52%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (55%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6557, 18.7527, 24.4135 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 19.6557, 18.7527, 24.4135 by changing the saturation by 10% instead.

■ 19.6557, 18.7527,
24.4135

■ 19.6557, 18.7527,
24.4135

242.9143,
245.0801, 288.2580

■ 12.2518, 11.4917,
15.4256

■ 42.3475, 41.3158,
51.6564

■ 6.9888, 6.3986,
8.9687

■ 58.3662, 57.3867,
70.7485

■ 3.5014, 3.0889,
4.6242

■ 77.9872, 77.1631,
94.0457

■ 1.4241, 1.1783,
1.9737

■ 101.5759,
101.0292, 121.9666

■ 0.2733, 0.0439,
0.5390

129.4976,
129.3696, 154.9298

■ 0.0000, 0.0000,
0.0000

162.1176,

162.5686, 193.3537

199.8014,
201.0107, 237.6569

■ 19.6557, 18.7527,
24.4135

■ 19.6557, 18.7527,
24.4135

■ 18.1374, 15.8936,
23.9419

■ 21.3916, 22.0450,
24.9578

■ 16.8259, 13.4471,
23.5388

■ 23.3519, 25.7851,
25.5764

■ 15.7119, 11.3944,
23.2013

■ 25.5454, 29.9903,
26.2724

■ 14.7850, 9.7144,
22.9259

■ 27.9798, 34.6758,
27.0485

■ 14.0336, 8.3840,
22.7087

■ 30.6623, 39.8563,
27.9071

■ 13.4447, 7.3776,
22.5455

■ 33.6001, 45.5459,
28.8504

■ 13.0039, 6.6659,
22.4314

■ 36.7999, 51.7582,
29.8809

■ 12.6939, 6.2143,
22.3606

■ 40.2681, 58.5061,
31.0006

■ 12.5115, 5.9688,
22.3228

■ 44.0112, 65.8022,
32.2116

Harmonies

Analogous

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



18.7170, 18.7527, 26.7777



19.6557, 18.7527, 24.4135



20.1062, 18.7527, 21.1448

Triad

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



19.6557, 18.7527, 24.4135



18.0757, 18.7527, 14.7637



15.8764, 18.7527, 23.0395

Complementary

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



19.6557, 18.7527, 24.4135



18.5489, 21.4538, 19.3839

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.



15.7211, 18.7527, 19.7091



19.6557, 18.7527, 24.4135



16.9596, 18.7527, 15.1553

Square

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



19.6557, 18.7527, 24.4135



19.1691, 18.7527, 15.7514



16.1096, 18.7527, 16.8850



16.5431, 18.7527, 25.9268

Rectangle

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



19.6557, 18.7527, 24.4135



20.0560, 18.7527, 18.9817



16.1096, 18.7527, 16.8850



15.7639, 18.7527, 21.9261

Sweetspot

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



19.6563, 18.7535, 24.4139



37.2893, 38.0873, 43.8394



17.4966, 17.8332, 24.3501



8.6318, 8.7726, 10.1910



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.



19.6563, 18.7535, 24.4139



33.9317, 31.7264, 42.7886



19.3253, 18.6391, 21.8592



4.8316, 4.7493, 5.8628



12.1156, 5.7800, 21.6138



0.0440, 0.0211, 0.0750

Inverse Universe

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



18.7995, 18.4288, 19.0901



32.1666, 31.0581, 31.7921



18.8578, 21.5621, 21.7004



4.6829, 4.6928, 4.9423



9.2555, 4.7665, 0.6519



0.0327, 0.0168, 0.0058

Previews

White Background



This preview shows how the XYZ color 19.6557, 18.7527, 24.4135 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 19.6557, 18.7527, 24.4135 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 19.6557, 18.7527, 24.4135

Background



This preview shows how black text looks on a background with the XYZ color 19.6557, 18.7527, 24.4135.



This preview shows how white text looks on a background with the XYZ color 19.6557, 18.7527,

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

19.6557, 18.7527, 24.4135

Protanopia

18.4412, 18.7945, 25.5774

Deuteranopia

19.1303, 18.8241, 24.4549



Tritanopia

19.1530, 18.7173, 22.0054

Trichromacy



Original Color

19.6557, 18.7527, 24.4135

Protanomaly

18.9499, 18.8891, 25.2014

Deuteranomaly

19.3123, 18.7459, 24.4302

Tritanomaly

19.3476, 18.7951, 23.0302

Monochromacy



Original Color

19.6557, 18.7527, 24.4135

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.8202, 19.0600, 22.4257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6557, 18.7527, 24.4135 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(131, 115, 132)` looks like.

```
.text, #text, p{  
    color:rgb(131, 115, 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(131, 115, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 115, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.6557, 18.7527, 24.4135 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(131, 115, 132) }
```


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

```
.border{ border-color:rgb(131, 115, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 115, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 115, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 115, 132);  
box-shadow:4px 4px 4px 4px rgb(131, 115,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6557, 18.7527, 24.4135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 115, 132) }
```

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

```
.background{ background-color: rgb(131,  
115, 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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