

Converting Colors

XYZ(19.8452, 24.2830, 24.4118)

Have a look what the booklet for
XYZ(19.8452, 24.2830, 24.4118)
contains.

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Color

**XYZ(19.8483, 24.3557,
24.4239)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8F81
RGB	107, 143, 129
RGB Percent	42%, 56%, 51%
CMY	0.5804, 0.4392, 0.4941
CMYK	0.25, 0.00, 0.10, 0.44
HSL	157°, 14%, 49%
HSV	157°, 25%, 56%
XYZ	19.8483, 24.3557, 24.4239
YIQ	130.6400, -16.9620, -11.9860

Conversions

Conversions Part 2

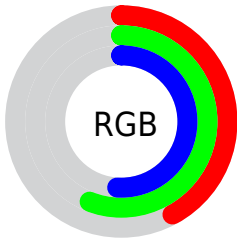
Format	Color
RYB	107, 129, 143
Decimal	7049089
CIELab	56.44, -15.61, 3.38
CIElCh	56, 15.971, 167.782
Yxy	24.3557, 0.2892, 0.3549
Android (android.graphics.Color)	4285239169 (0xFF6B8F81)
YUV	130.6400, -0.8085, -20.7323
Hunter-Lab	49.3515, -14.5756, 5.2036

Details

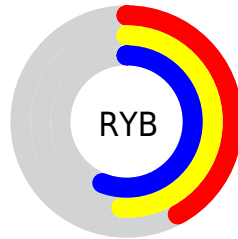
The XYZ color **19.8483, 24.3557, 24.4239** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.0374, 17.7361, 20.4574**, and the grayscale version is **21.4527, 22.5699, 24.5787**.

A 20% lighter version of the original color is **42.7078, 50.6808, 51.7874**, and **7.1072, 9.3074, 9.0113** is the 20% darker color. If you saturate the color by 10%, you get **17.9096, 23.3985, 22.4559**, and if you desaturate by 10%, it is **22.0928, 25.4696, 26.5123**.

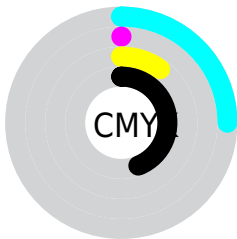
Distribution



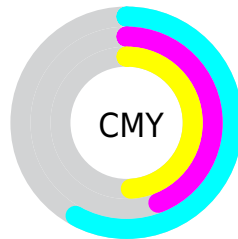
- Red (42%)
- Green (56%)
- Blue (51%)



- Red (42%)
- Yellow (51%)
- Blue (56%)



- Cyan (25%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (58%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8483, 24.3557, 24.4239 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 19.8483, 24.3557, 24.4239 by changing the saturation by 10% instead.

■ 19.8483, 24.3557,
24.4239

■ 19.8483, 24.3557,
24.4239

243.9419,
274.6139, 288.3119

■ 12.3924, 15.5977,
15.4333

■ 42.6686, 50.6100,
51.6735

■ 7.0856, 9.2399,
8.9740

■ 58.7637, 68.8751,
70.7696

■ 3.5625, 4.8980,
4.6277

■ 78.4693, 91.0781,
94.0713

■ 1.4577, 2.1875,
1.9756

■ 102.1508,
117.6032, 121.9970

■ 0.2968, 0.7132,
0.5402

130.1734,
148.8350, 154.9654

■ 0.0000, 0.0000,
0.0000

162.9026,

185.1577, 193.3950

200.7036,
226.9559, 237.7043

■ 19.8483, 24.3557,
24.4239

■ 19.8483, 24.3557,
24.4239

■ 17.9096, 23.3985,
22.4559

■ 22.0928, 25.4696,
26.5123

■ 16.2605, 22.5876,
20.6043

■ 24.6545, 26.7439,
28.7218

■ 14.8861, 21.9161,
18.8673

■ 27.5465, 28.1861,
31.0549

■ 13.7694, 21.3752,
17.2424

■ 30.7806, 29.8023,
33.5139

■ 12.8915, 20.9553,
15.7268

■ 34.3681, 31.5982,
36.1008

■ 12.2308, 20.6452,
14.3178

■ 38.3197, 33.5793,
38.8175

■ 11.7577, 20.4297,
13.0120

■ 42.6455, 35.7508,
41.6659

■ 11.5590, 20.3403,
12.4166

■ 47.3555, 38.1177,
44.6481

■ 52.4591, 40.6850,
47.7657

Harmonies

Analogous

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



20.6170, 24.3557, 20.2538



19.8483, 24.3557, 24.4239



19.9289, 24.3557, 29.7489

Triad

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



19.8483, 24.3557, 24.4239



24.2512, 24.3557, 37.4338



25.6193, 24.3557, 19.6760

Complementary

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



19.8483, 24.3557, 24.4239



20.0374, 17.7361, 20.4574

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.



26.6993, 24.3557, 23.5322



19.8483, 24.3557, 24.4239



25.8810, 24.3557, 33.9594

Square

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



19.8483, 24.3557, 24.4239



22.4057, 24.3557, 37.7563



26.7975, 24.3557, 28.7311



23.9093, 24.3557, 17.7673

Rectangle

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



19.8483, 24.3557, 24.4239



20.4538, 24.3557, 33.2529



26.7975, 24.3557, 28.7311



26.0719, 24.3557, 20.7621

Sweetspot

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



19.8490, 24.3567, 24.4244



42.7161, 47.1779, 50.2264



20.4184, 24.8014, 17.6212



9.6471, 10.7449, 11.3910



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.



19.8490, 24.3567, 24.4244



33.5831, 42.6470, 41.7879



20.3128, 23.6912, 29.4901



5.4726, 6.0813, 6.4544



10.2304, 17.9880, 11.0332



0.1086, 0.1763, 0.1625

Inverse Universe

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



20.0374, 17.7361, 20.4574



33.9789, 28.7722, 33.4789



19.6232, 18.1835, 16.3858



5.4903, 5.4566, 6.0799



10.6484, 5.4164, 3.7999



0.1121, 0.0559, 0.0903

Previews

White Background



This preview shows how the XYZ color 19.8483, 24.3557, 24.4239 looks on a white background.

Color Contrast Check

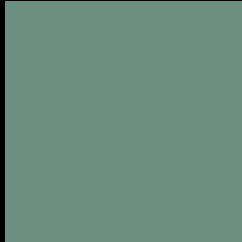
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8483, 24.3557, 24.4239 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 19.8483, 24.3557, 24.4239

Background



This preview shows how black text looks on a background with the XYZ color 19.8483, 24.3557, 24.4239.



This preview shows how white text looks on a background with the XYZ color 19.8483, 24.3557,

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

19.8483, 24.3557, 24.4239

Protanopia

22.9784, 24.0809, 22.5058

Deuteranopia

24.5419, 24.0208, 25.1728



Tritanopia

21.5195, 24.3700, 32.8478

Trichromacy



Original Color

19.8483, 24.3557, 24.4239

Protanomaly

21.6136, 23.9869, 23.2294

Deuteranomaly

22.5922, 24.0350, 24.9212

Tritanomaly

20.9132, 24.3479, 29.5840

Monochromacy



Original Color

19.8483, 24.3557, 24.4239

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.7193, 23.0772, 24.4814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8483, 24.3557, 24.4239 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(107, 143, 129)` looks like.

```
.text, #text, p{  
    color:rgb(107, 143, 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(107, 143, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 143, 129) }
```

Border

The CSS property to change the border of an element to XYZ 19.8483, 24.3557, 24.4239 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(107, 143, 129) }
```


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

```
.border{ border-color:rgb(107, 143, 129) }
```

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

Here you see how a box with a 4 pixel rgb(107, 143, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 143, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 143, 129);  
box-shadow:4px 4px 4px 4px rgb(107, 143,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8483, 24.3557, 24.4239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 143, 129) }
```

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

```
.background{ background-color: rgb(107,  
143, 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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