

Converting Colors

XYZ(19.6589, 24.1693, 20.2548)

Have a look what the booklet for
XYZ(19.6589, 24.1693, 20.2548)
contains.

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Color

**XYZ(19.6354, 24.1177,
20.1433)**

Conversions

Conversions Part 1

Format	Color
Hex	718E74
RGB	113, 142, 116
RGB Percent	44%, 56%, 45%
CMY	0.5569, 0.4431, 0.5451
CMYK	0.20, 0.00, 0.18, 0.44
HSL	126°, 11%, 50%
HSV	126°, 20%, 56%
XYZ	19.6354, 24.1177, 20.1433
YIQ	130.3650, -8.9380, -14.2340

Conversions

Conversions Part 2

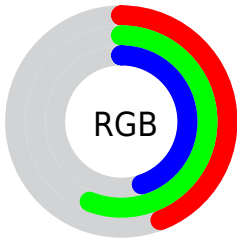
Format	Color
R_{YB}	113, 139, 142
Decimal	7442036
CIE _{Lab}	56.21, -15.65, 10.53
CIE _{LCh}	56, 18.867, 146.067
Yxy	24.1177, 0.3073, 0.3775
Android (android.graphics.Color)	4285632116 (0xFF718E74)
YUV	130.3650, -7.0819, -15.2291
Hunter-Lab	49.1098, -14.5730, 10.0579

Details

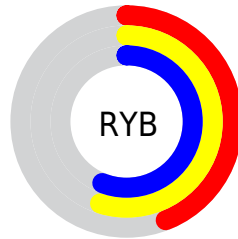
The XYZ color **19.6354, 24.1177, 20.1433** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.7214, 19.4255, 27.0317**, and the grayscale version is **21.3745, 22.4876, 24.4890**.

A 20% lighter version of the original color is **42.3249, 50.3063, 44.5251**, and **6.9849, 9.1616, 6.8691** is the 20% darker color. If you saturate the color by 10%, you get **17.2590, 22.9731, 16.4278**, and if you desaturate by 10%, it is **22.4005, 25.4523, 24.4079**.

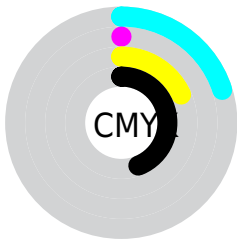
Distribution



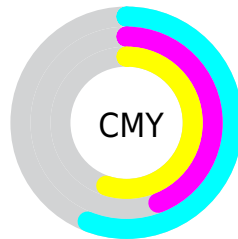
- Red (44%)
- Green (56%)
- Blue (45%)



- Red (44%)
- Yellow (55%)
- Blue (56%)



- Cyan (20%)
- Magenta (0%)
- Yellow (18%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6354, 24.1177, 20.1433 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 19.6354, 24.1177, 20.1433 by changing the saturation by 10% instead.

■ 19.6354, 24.1177,
20.1433

■ 19.6354, 24.1177,
20.1433

242.8058,
273.4150, 265.3197

■ 12.2370, 15.4210,
12.3141

■ 42.3137, 50.2222,
44.5194

■ 6.9787, 9.1154,
6.8329

■ 58.3243, 68.3987,
61.9035

■ 3.4950, 4.8165,
3.2809

■ 77.9363, 90.5040,
83.3096

■ 1.4206, 2.1400,
1.2398

■ 101.5152,
116.9224, 109.1563

■ 0.2708, 0.6870,
0.0117

129.4262,
148.0383, 139.8621

■ 0.0000, 0.0000,
0.0000

162.0347,

184.2361, 175.8456

199.7062,
225.9002, 217.5252

■ 19.6354, 24.1177,
20.1433

■ 19.6354, 24.1177,
20.1433

■ 17.2590, 22.9731,
16.4278

■ 22.4005, 25.4523,
24.4079

■ 15.2521, 22.0070,
13.2376

■ 25.5686, 26.9819,
29.2408

■ 13.5965, 21.2113,
10.5493

■ 29.1557, 28.7148,
34.6626

■ 12.2719, 20.5761,
8.3375

■ 33.1764, 30.6582,
40.6921

■ 11.2560, 20.0903,
6.5744

■ 37.6444, 32.8189,
47.3473

■ 10.5234, 19.7416,
5.2292

■ 42.5730, 35.2032,
54.6455

■ 10.0449, 19.5158,
4.2674

■ 47.9748, 37.8175,
62.6034

■ 9.7576, 19.3806,
3.6671

■ 53.8621, 40.6675,
71.2371

■ 60.2466, 43.7590,
80.5619

Harmonies

Analogous

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



21.1397, 24.1177, 16.9291



19.6354, 24.1177, 20.1433



19.0106, 24.1177, 25.4496

Triad

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



19.6354, 24.1177, 20.1433



22.6384, 24.1177, 40.0626



26.8755, 24.1177, 21.3554

Complementary

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



19.6354, 24.1177, 20.1433



21.7214, 19.4255, 27.0317

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.



27.3387, 24.1177, 27.0876



19.6354, 24.1177, 20.1433



24.8042, 24.1177, 38.5110

Square

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



19.6354, 24.1177, 20.1433



20.6739, 24.1177, 37.4635



26.5588, 24.1177, 33.5045



25.3299, 24.1177, 17.5477

Rectangle

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



19.6354, 24.1177, 20.1433



19.1460, 24.1177, 29.7048



26.5588, 24.1177, 33.5045



27.1670, 24.1177, 23.0925

Sweetspot

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



19.6360, 24.1187, 20.1438



41.8123, 45.9971, 46.5780



23.3188, 26.0371, 19.4195



9.2715, 10.2410, 10.3004



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.6360, 24.1187, 20.1438



32.4055, 41.4593, 32.0629



20.5399, 24.4803, 24.9035



5.3642, 6.0379, 5.8836



8.7641, 17.4015, 3.3118



0.0874, 0.1678, 0.0505

Inverse Universe

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



21.7214, 19.4255, 27.0317



36.8385, 31.4806, 46.7034



20.7373, 19.0319, 21.8494



5.6025, 5.5015, 6.6710



13.4772, 6.5479, 18.6960



0.1333, 0.0644, 0.2023

Previews

White Background



This preview shows how the XYZ color 19.6354, 24.1177, 20.1433 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 19.6354, 24.1177, 20.1433 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

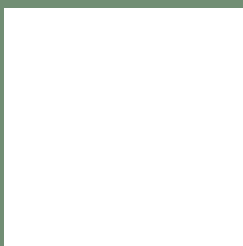
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.6354, 24.1177, 20.1433

Background



This preview shows how black text looks on a background with the XYZ color 19.6354, 24.1177, 20.1433.



This preview shows how white text looks on a background with the XYZ color 19.6354, 24.1177,

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

19.6354, 24.1177, 20.1433

Protanopia

22.6051, 23.9708, 18.7647

Deuteranopia

24.3169, 23.8047, 20.7659



Tritanopia

22.0415, 24.2370, 31.5335

Trichromacy



Original Color

19.6354, 24.1177, 20.1433

Protanomaly

21.2864, 23.9089, 19.1157

Deuteranomaly

22.2763, 23.7615, 20.5519

Tritanomaly

21.0127, 24.0247, 26.8223

Monochromacy



Original Color

19.6354, 24.1177, 20.1433

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.5389, 22.8159, 22.7234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6354, 24.1177, 20.1433 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(113, 142, 116)` looks like.

```
.text, #text, p{  
    color:rgb(113, 142, 116)  
}
```

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(113, 142, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 142, 116) }
```

Border

The CSS property to change the border of an element to XYZ 19.6354, 24.1177, 20.1433 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(113, 142, 116) }
```


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

```
.border{ border-color:rgb(113, 142, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 142, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 142, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 142, 116);  
box-shadow:4px 4px 4px 4px rgb(113, 142,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6354, 24.1177, 20.1433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 142, 116) }
```

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

```
.background{ background-color: rgb(113,  
142, 116) }
```

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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