

Converting Colors

XYZ(20.0300, 24.3597, 24.0195)

Have a look what the booklet for
XYZ(20.0300, 24.3597, 24.0195)
contains.

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Color

**XYZ(20.1492, 24.5184,
24.0926)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8F80
RGB	110, 143, 128
RGB Percent	43%, 56%, 50%
CMY	0.5686, 0.4392, 0.4980
CMYK	0.23, 0.00, 0.10, 0.44
HSL	153°, 13%, 50%
HSV	153°, 23%, 56%
XYZ	20.1492, 24.5184, 24.0926
YIQ	131.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

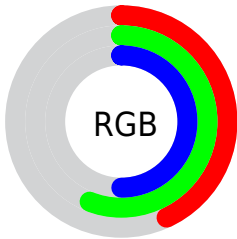
Format	Color
R_{YB}	110, 131, 143
Decimal	7245696
CIE _{Lab}	56.60, -14.81, 4.21
CIE _{LCh}	57, 15.398, 164.134
Yxy	24.5184, 0.2930, 0.3566
Android (android.graphics.Color)	4285435776 (0xFF6E8F80)
YUV	131.4230, -1.6875, -18.7880
Hunter-Lab	49.5161, -14.0174, 5.8130

Details

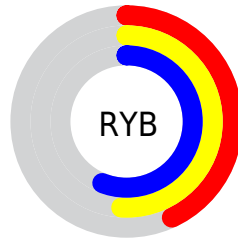
The XYZ color **20.1492, 24.5184, 24.0926** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6062, 18.4729, 21.8828**, and the grayscale version is **21.7350, 22.8669, 24.9020**.

A 20% lighter version of the original color is **43.2070, 50.9501, 51.2732**, and **7.2501, 9.3853, 8.8266** is the 20% darker color. If you saturate the color by 10%, you get **18.0974, 23.5092, 21.8343**, and if you desaturate by 10%, it is **22.5170, 25.6887, 26.5098**.

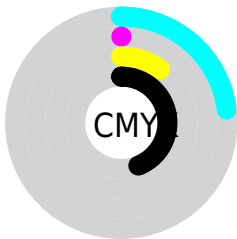
Distribution



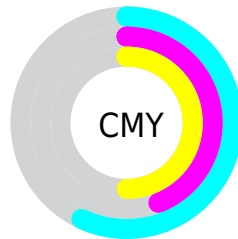
- Red (43%)
- Green (56%)
- Blue (50%)



- Red (43%)
- Yellow (51%)
- Blue (56%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (57%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1492, 24.5184, 24.0926 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 20.1492, 24.5184, 24.0926 by changing the saturation by 10% instead.

■ 20.1492, 24.5184,
24.0926

■ 20.1492, 24.5184,
24.0926

245.5399,
275.4310, 286.5899

■ 12.6124, 15.7186,
15.1895

■ 43.1692, 50.8748,
51.1270

■ 7.2374, 9.3253,
8.8044

■ 59.3832, 69.2003,
70.0954

■ 3.6586, 4.9539,
4.5187

■ 79.2203, 91.4697,
93.2559

■ 1.5109, 2.2203,
1.9140

■ 103.0458,
118.0676, 121.0271

■ 0.3332, 0.7310,
0.5016

131.2252,
149.3783, 153.8276

■ 0.0000, 0.0000,
0.0000

164.1238,

185.7861, 192.0759

202.1069,
227.6755, 236.1905

■ 20.1492, 24.5184,
24.0926

■ 20.1492, 24.5184,
24.0926

■ 18.0974, 23.5092,
21.8343

■ 22.5170, 25.6887,
26.5098

■ 16.3452, 22.6507,
19.7301

■ 25.2120, 27.0237,
29.0876

■ 14.8780, 21.9360,
17.7769

■ 28.2475, 28.5310,
31.8295

■ 13.6788, 21.3565,
15.9712

■ 31.6352, 30.2166,
34.7386

■ 12.7290, 20.9027,
14.3092

■ 35.3866, 32.0862,
37.8178

■ 12.0074, 20.5636,
12.7868

■ 39.5123, 34.1454,
41.0700

■ 11.4887, 20.3264,
11.3998

■ 44.0227, 36.3994,
44.4979

■ 11.1979, 20.1958,
10.5149

■ 48.9277, 38.8533,
48.1043

■ 54.2368, 41.5119,
51.8917

Harmonies

Analogous

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



20.9897, 24.5184, 20.2315



20.1492, 24.5184, 24.0926



20.1248, 24.5184, 29.1752

Triad

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



20.1492, 24.5184, 24.0926



24.1542, 24.5184, 37.4349



25.8611, 24.5184, 20.4069

Complementary

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



20.1492, 24.5184, 24.0926



20.6062, 18.4729, 21.8828

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.



26.8016, 24.5184, 24.3621



20.1492, 24.5184, 24.0926



25.7824, 24.5184, 34.4098

Square

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



20.1492, 24.5184, 24.0926



22.3762, 24.5184, 37.3385



26.7720, 24.5184, 29.4813



24.2571, 24.5184, 18.2969

Rectangle

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



20.1492, 24.5184, 24.0926



20.5710, 24.5184, 32.6150



26.7720, 24.5184, 29.4813



26.2689, 24.5184, 21.5409

Sweetspot

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



20.1499, 24.5194, 24.0931



43.1119, 47.3834, 50.1748



21.1538, 25.1619, 18.4942



9.8307, 10.8384, 11.4531



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.



20.1499, 24.5194, 24.0931



33.9887, 42.8766, 40.8800



21.0473, 24.6155, 29.6296



5.4582, 6.0755, 6.3786



9.9113, 17.8604, 9.3529



0.1059, 0.1752, 0.1481

Inverse Universe

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



20.6062, 18.4729, 21.8828



34.9628, 29.9749, 36.1654



19.8383, 18.3569, 17.2501



5.5044, 5.4623, 6.1543



10.8700, 5.5050, 4.9666



0.1148, 0.0570, 0.1048

Previews

White Background



This preview shows how the XYZ color 20.1492, 24.5184, 24.0926 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 20.1492, 24.5184, 24.0926 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

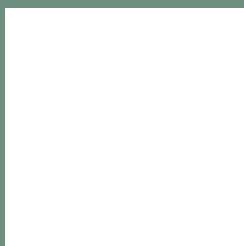
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1492, 24.5184, 24.0926

Background



This preview shows how black text looks on a background with the XYZ color 20.1492, 24.5184, 24.0926.

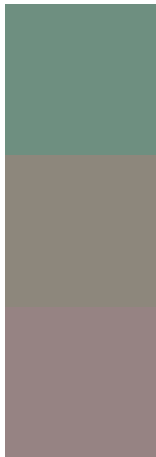


This preview shows how white text looks on a background with the XYZ color 20.1492, 24.5184,

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

20.1492, 24.5184, 24.0926

Protanopia

23.2866, 24.4459, 22.5600

Deuteranopia

24.7907, 24.3553, 24.8672



Tritanopia

21.9034, 24.5679, 32.8658

Trichromacy



Original Color

20.1492, 24.5184, 24.0926

Protanomaly

21.9961, 24.4035, 22.9531

Deuteranomaly

22.6849, 24.0905, 24.5734

Tritanomaly

21.2929, 24.5436, 29.6017

Monochromacy



Original Color

20.1492, 24.5184, 24.0926

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.8616, 23.1506, 24.4881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1492, 24.5184, 24.0926 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(110, 143, 128)` looks like.

```
.text, #text, p{  
    color:rgb(110, 143, 128)  
}
```

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(110, 143, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 143, 128) }
```

Border

The CSS property to change the border of an element to XYZ 20.1492, 24.5184, 24.0926 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(110, 143, 128) }
```


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

```
.border{ border-color:rgb(110, 143, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 143, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 143, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 143, 128);  
box-shadow:4px 4px 4px 4px rgb(110, 143,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1492, 24.5184, 24.0926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 143, 128) }
```

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

```
.background{ background-color: rgb(110,  
143, 128) }
```

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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