

Converting Colors

XYZ(21.4194, 24.5545, 25.1619)

Have a look what the booklet for
XYZ(21.4194, 24.5545, 25.1619)
contains.

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Color

**XYZ(21.3600, 24.4598,
25.0682)**

Conversions

Conversions Part 1

Format	Color
Hex	798C83
RGB	121, 140, 131
RGB Percent	47%, 55%, 51%
CMY	0.5255, 0.4510, 0.4863
CMYK	0.14, 0.00, 0.06, 0.45
HSL	152°, 8%, 51%
HSV	152°, 14%, 55%
XYZ	21.3600, 24.4598, 25.0682
YIQ	133.2930, -8.4350, -6.8270

Conversions

Conversions Part 2

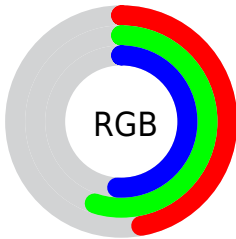
Format	Color
R_{YB}	121, 133, 140
Decimal	7965827
CIE _{Lab}	56.55, -8.71, 2.50
CIE _{LCh}	57, 9.058, 163.987
Yxy	24.4598, 0.3013, 0.3450
Android (android.graphics.Color)	4286155907 (0xFF798C83)
YUV	133.2930, -1.1304, -10.7810
Hunter-Lab	49.4568, -9.4568, 4.5675

Details

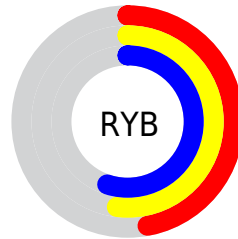
The XYZ color **21.3600, 24.4598, 25.0682** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.6827, 20.8626, 24.0043**, and the grayscale version is **22.4079, 23.5748, 25.6730**.

A 20% lighter version of the original color is **45.1771, 50.9285, 52.7965**, and **7.8516, 9.2992, 9.3638** is the 20% darker color. If you saturate the color by 10%, you get **19.1035, 23.3475, 22.6909**, and if you desaturate by 10%, it is **23.9314, 25.7325, 27.6115**.

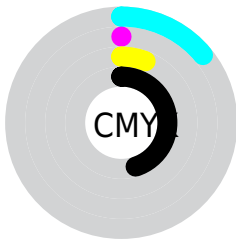
Distribution



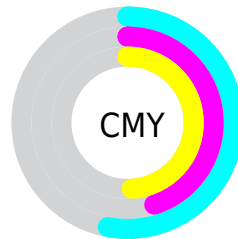
- Red (47%)
- Green (55%)
- Blue (51%)



- Red (47%)
- Yellow (52%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3600, 24.4598, 25.0682 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 21.3600, 24.4598, 25.0682 by changing the saturation by 10% instead.

■ 21.3600, 24.4598,
25.0682

■ 21.3600, 24.4598,
25.0682

251.8812,
275.1369, 291.6360

■ 13.5014, 15.6751,
15.9084

■ 45.1727, 50.7795,
52.7333

■ 7.8541, 9.2945,
9.3057

■ 61.8574, 69.0832,
72.0757

■ 4.0527, 4.9338,
4.8416

■ 82.2150, 91.3287,
95.6494

■ 1.7320, 2.2085,
2.0975

106.6106,
117.9004, 123.8729

■ 0.4762, 0.7246,
0.6143

135.4096,
149.1827, 157.1648

■ 0.0000, 0.0000,
0.0000

168.9775,

185.5599, 195.9436

207.6796,
227.4165, 240.6278

■ 21.3600, 24.4598,
25.0682

■ 21.3600, 24.4598,
25.0682

■ 19.1035, 23.3475,
22.6909

■ 23.9314, 25.7325,
27.6115

■ 17.1472, 22.3860,
20.4747

■ 26.8277, 27.1686,
30.3224

■ 15.4780, 21.5693,
18.4164

■ 30.0609, 28.7749,
33.2047

■ 14.0812, 20.8900,
16.5126

■ 33.6418, 30.5570,
36.2615

■ 12.9408, 20.3397,
14.7593

■ 37.5807, 32.5200,
39.4957

■ 12.0387, 19.9093,
13.1526

■ 41.8875, 34.6691,
42.9103

■ 11.3547, 19.5883,
11.6883

■ 46.5716, 37.0091,
46.5082

■ 10.8642, 19.3644,
10.3618

■ 51.6422, 39.5446,
50.2920

■ 10.6037, 19.2472,
9.5781

■ 57.1080, 42.2801,
54.2645

Harmonies

Analogous

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



21.8733, 24.4598, 22.6828



21.3600, 24.4598, 25.0682



21.3425, 24.4598, 28.0557

Triad

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



21.3600, 24.4598, 25.0682



23.7400, 24.4598, 32.6506



24.7324, 24.4598, 22.8130

Complementary

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



21.3600, 24.4598, 25.0682



21.6827, 20.8626, 24.0043

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.



25.2643, 24.4598, 25.2584



21.3600, 24.4598, 25.0682



24.6798, 24.4598, 31.0161

Square

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



21.3600, 24.4598, 25.0682



22.6955, 24.4598, 32.5900



25.2447, 24.4598, 28.2607



23.8101, 24.4598, 21.4493

Rectangle

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



21.3600, 24.4598, 25.0682



21.6131, 24.4598, 29.9996



25.2447, 24.4598, 28.2607



24.9640, 24.4598, 23.5274

Sweetspot

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



21.3607, 24.4608, 25.0687



41.9445, 45.2438, 48.4415



22.0642, 24.8981, 21.7325



9.5895, 10.3879, 11.0891



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.



21.3607, 24.4608, 25.0687



36.5036, 42.5535, 43.0075



21.9515, 24.6232, 28.4079



5.0746, 5.6493, 5.9138



9.4315, 17.1052, 8.5629



0.0701, 0.1166, 0.0959

Inverse Universe

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



21.6827, 20.8626, 24.0043



37.1744, 35.0589, 40.7905



21.1431, 20.7084, 20.9723



5.1251, 5.0855, 5.7470



10.5019, 5.3109, 5.1475



0.0771, 0.0382, 0.0727

Previews

White Background



This preview shows how the XYZ color 21.3600, 24.4598, 25.0682 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 21.3600, 24.4598, 25.0682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

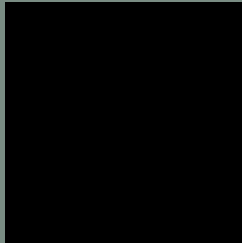
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

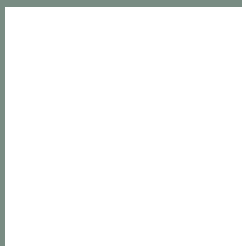
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3600, 24.4598, 25.0682

Background



This preview shows how black text looks on a background with the XYZ color 21.3600, 24.4598, 25.0682.



This preview shows how white text looks on a background with the XYZ color 21.3600, 24.4598,

25.0682.

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

21.3600, 24.4598, 25.0682

Protanopia

23.2077, 24.3754, 23.9038

Deuteranopia

24.7444, 24.3156, 25.5795



Tritanopia

22.6031, 24.3145, 31.5188

Trichromacy



Original Color

21.3600, 24.4598, 25.0682

Protanomaly

22.4238, 24.3818, 24.2932

Deuteranomaly

23.3374, 24.2051, 25.2718

Tritanomaly

22.1393, 24.3409, 29.1226

Monochromacy



Original Color

21.3600, 24.4598, 25.0682

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.0223, 23.9414, 25.2902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3600, 24.4598, 25.0682 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(121, 140, 131)` looks like.

```
.text, #text, p{  
    color:rgb(121, 140, 131)  
}
```

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(121, 140, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 140, 131) }
```

Border

The CSS property to change the border of an element to XYZ 21.3600, 24.4598, 25.0682 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(121, 140, 131) }
```


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

```
.border{ border-color:rgb(121, 140, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 140, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 140, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 140, 131);  
box-shadow:4px 4px 4px 4px rgb(121, 140,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3600, 24.4598, 25.0682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 140, 131) }
```

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

```
.background{ background-color: rgb(121,  
140, 131) }
```

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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