

Converting Colors

XYZ(20.5572, 26.4869, 28.4874)

Have a look what the booklet for
XYZ(20.5572, 26.4869, 28.4874)
contains.

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Color

**XYZ(20.5507, 26.4841,
28.4549)**

Conversions

Conversions Part 1

Format	Color
Hex	60978B
RGB	96, 151, 139
RGB Percent	38%, 59%, 55%
CMY	0.6235, 0.4078, 0.4549
CMYK	0.36, 0.00, 0.08, 0.41
HSL	167°, 22%, 48%
HSV	167°, 36%, 59%
XYZ	20.5507, 26.4841, 28.4549
YIQ	133.1870, -28.9280, -15.3920

Conversions

Conversions Part 2

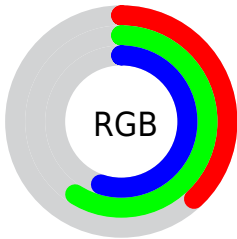
Format	Color
R_{YB}	96, 127, 151
Decimal	6330251
CIE _{Lab}	58.49, -20.99, 0.57
CIE _{LCh}	58, 21.001, 178.447
Yxy	26.4841, 0.2722, 0.3508
Android (android.graphics.Color)	4284520331 (0xFF60978B)
YUV	133.1870, 2.8658, -32.6130
Hunter-Lab	51.4627, -18.7790, 3.2411

Details

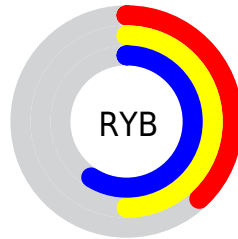
The XYZ color **20.5507, 26.4841, 28.4549** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6531, 16.0285, 16.2464**, and the grayscale version is **22.3605, 23.5250, 25.6187**.

A 20% lighter version of the original color is **43.7402, 53.8580, 57.9594**, and **7.4425, 10.3935, 11.0651** is the 20% darker color. If you saturate the color by 10%, you get **18.8751, 25.6484, 27.1390**, and if you desaturate by 10%, it is **22.5403, 27.4822, 29.8245**.

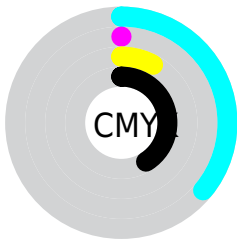
Distribution



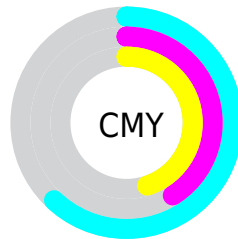
- Red (38%)
- Green (59%)
- Blue (55%)



- Red (38%)
- Yellow (50%)
- Blue (59%)



- Cyan (36%)
- Magenta (0%)
- Yellow (8%)
- Black (41%)



- Cyan (62%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5507, 26.4841, 28.4549 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 20.5507, 26.4841, 28.4549 by changing the saturation by 10% instead.

■ 20.5507, 26.4841,
28.4549

■ 20.5507, 26.4841,
28.4549

247.6581,
285.1505, 308.6143

■ 12.9066, 17.1861,
18.4268

■ 43.8355, 54.0549,
58.2417

■ 7.4408, 10.3673,
11.0843

■ 60.2069, 73.0965,
78.8375

■ 3.7880, 5.6432,
6.0087

■ 80.2180, 96.1548,
103.7930

■ 1.5829, 2.6293,
2.7815

■ 104.2343,
123.6142, 133.5267

■ 0.3812, 0.9414,
0.9842

132.6211,
155.8591, 168.4571

■ 0.0000, 0.0000,
0.0000

165.7438,

193.2738, 209.0029

203.9677,
236.2428, 255.5824

■ 20.5507, 26.4841,
28.4549

■ 20.5507, 26.4841,
28.4549

■ 18.8751, 25.6484,
27.1390

■ 22.5403, 27.4822,
29.8245

■ 17.4935, 24.9627,
25.8739

■ 24.8577, 28.6478,
31.2471

■ 16.3875, 24.4183,
24.6588

■ 27.5189, 29.9898,
32.7244

■ 15.5351, 24.0038,
23.4926

■ 30.5379, 31.5153,
34.2572

■ 14.9114, 23.7064,
22.3736

■ 33.9281, 33.2313,
35.8466

■ 14.4783, 23.5065,
21.2997

■ 37.7020, 35.1443,
37.4934

■ 14.3402, 23.4434,
20.9251

■ 41.8717, 37.2605,
39.1985

■ 46.4487, 39.5857,
40.9627

■ 51.4441, 42.1257,
42.7869

Harmonies

Analogous

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



21.1936, 26.4841, 22.0497



20.5507, 26.4841, 28.4549



21.0744, 26.4841, 36.1132

Triad

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



20.5507, 26.4841, 28.4549



27.5992, 26.4841, 43.1483



27.8465, 26.4841, 18.3841

Complementary

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



20.5507, 26.4841, 28.4549



19.6531, 16.0285, 16.2464

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.



29.7698, 26.4841, 22.6098



20.5507, 26.4841, 28.4549



29.6203, 26.4841, 36.8904

Square

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



20.5507, 26.4841, 28.4549



25.0387, 26.4841, 45.4143



30.4396, 26.4841, 29.2219



25.3065, 26.4841, 16.8816

Rectangle

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



20.5507, 26.4841, 28.4549



22.0361, 26.4841, 40.7705



30.4396, 26.4841, 29.2219



28.5928, 26.4841, 19.4935

Sweetspot

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



20.5515, 26.4852, 28.4555



46.9167, 52.5129, 57.3218



19.4650, 26.2195, 15.1018



10.5309, 11.8686, 12.9546



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.5515, 26.4852, 28.4555



34.2295, 46.1443, 48.9583



19.2618, 22.4245, 32.5925



6.3269, 7.0035, 7.6446



12.2099, 19.9474, 17.8577



0.1954, 0.3033, 0.3345

Inverse Universe

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



19.6531, 16.0285, 16.2464



32.3770, 24.5050, 23.7255



20.5228, 18.7209, 13.5987



6.2612, 6.2437, 6.7558



11.0995, 5.6940, 1.7832



0.1776, 0.0898, 0.0879

Previews

White Background



This preview shows how the XYZ color 20.5507, 26.4841, 28.4549 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 20.5507, 26.4841, 28.4549 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 20.5507, 26.4841, 28.4549

Background



This preview shows how black text looks on a background with the XYZ color 20.5507, 26.4841, 28.4549.

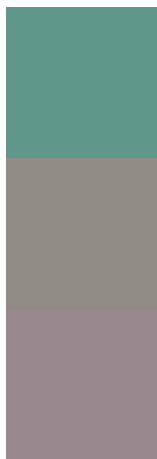


This preview shows how white text looks on a background with the XYZ color 20.5507, 26.4841,

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

20.5507, 26.4841, 28.4549

Protanopia

24.9679, 26.0880, 25.9098

Deuteranopia

26.8235, 26.3336, 29.2603



Tritanopia

22.3019, 26.4846, 37.1943

Trichromacy



Original Color

20.5507, 26.4841, 28.4549

Protanomaly

22.9480, 25.9062, 26.7126

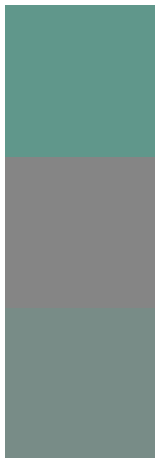
Deuteranomaly

23.8483, 25.8784, 28.9374

Tritanomaly

21.5605, 26.4145, 33.6679

Monochromacy



Original Color

20.5507, 26.4841, 28.4549

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.4970, 24.4985, 26.5173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5507, 26.4841, 28.4549 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(96, 151, 139)` looks like.

```
.text, #text, p{  
    color:rgb(96, 151, 139)  
}
```

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(96, 151, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 151, 139) }
```

Border

The CSS property to change the border of an element to XYZ 20.5507, 26.4841, 28.4549 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(96, 151, 139) }
```


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

```
.border{ border-color:rgb(96, 151, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 151, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 151, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 151, 139);  
box-shadow:4px 4px 4px 4px rgb(96, 151,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5507, 26.4841, 28.4549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 151, 139) }
```

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

```
.background{ background-color: rgb(96, 151,  
139) }
```

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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