

Converting Colors

XYZ(20.4475, 28.4488, 26.9677)

Have a look what the booklet for
XYZ(20.4475, 28.4488, 26.9677)
contains.

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Color

**XYZ(20.4475, 28.4488,
26.9677)**

Conversions

Conversions Part 1

Format	Color
Hex	559F86
RGB	85, 159, 134
RGB Percent	33%, 62%, 53%
CMY	0.6667, 0.3765, 0.4745
CMYK	0.47, 0.00, 0.16, 0.38
HSL	160°, 30%, 48%
HSV	160°, 47%, 62%
XYZ	20.4475, 28.4488, 26.9677
YIQ	134.0240, -36.0790, -23.4630

Conversions

Conversions Part 2

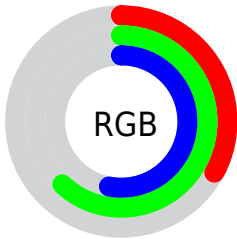
Format	Color
R_{YB}	85, 130, 159
Decimal	5611398
CIE _{Lab}	60.29, -29.25, 5.94
CIE _{LCh}	60, 29.845, 168.525
Yxy	28.4488, 0.2695, 0.3750
Android (android.graphics.Color)	4283801478 (0xFF559F86)
YUV	134.0240, -0.0118, -42.9940
Hunter-Lab	53.3374, -24.9105, 7.3588

Details

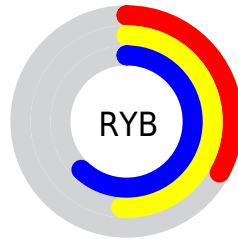
The XYZ color **20.4475, 28.4488, 26.9677** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **20.3620, 14.9944, 16.5739**, and the grayscale version is **22.6790, 23.8600, 25.9836**.

A 20% lighter version of the original color is **43.6637, 57.1700, 55.7473**, and **7.3646, 11.4167, 10.2030** is the 20% darker color. If you saturate the color by 10%, you get **18.7979, 27.6414, 24.9844**, and if you desaturate by 10%, it is **22.4421, 29.4334, 29.0677**.

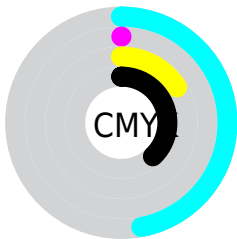
Distribution



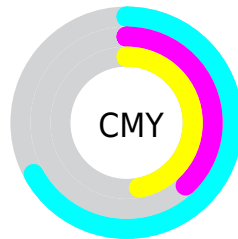
- Red (33%)
- Green (62%)
- Blue (53%)



- Red (33%)
- Yellow (51%)
- Blue (62%)



- Cyan (47%)
- Magenta (0%)
- Yellow (16%)
- Black (38%)



- Cyan (67%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4475, 28.4488, 26.9677 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 20.4475, 28.4488, 26.9677 by changing the saturation by 10% instead.

■ 20.4475, 28.4488,
26.9677

■ 20.4475, 28.4488,
26.9677

247.1152,
294.6053, 301.2559

■ 12.8309, 18.6642,
17.3167

■ 43.6644, 57.2002,
55.8351

■ 7.3884, 11.4279,
10.2962

■ 59.9955, 76.9358,
75.8887

■ 3.7546, 6.3554,
5.4876

■ 79.9620, 100.7572,
100.2469

■ 1.5643, 3.0624,
2.4724

■ 103.9295,
129.0488, 129.3282

■ 0.3690, 1.1644,
0.8255

132.2632,
162.1951, 163.5512

■ 0.0000, 0.0323,
0.0000

165.3284,

■ 0.0000, 0.0000,

200.5803, 203.3345

0.0000

203.4906,
244.5889, 249.0966

■ 20.4475, 28.4488,
26.9677

■ 20.4475, 28.4488,
26.9677

■ 18.7979, 27.6414,
24.9844

■ 22.4421, 29.4334,
29.0677

■ 17.4687, 26.9962,
23.1135

■ 24.7995, 30.6020,
31.2849

■ 16.4356, 26.5015,
21.3528


■ 27.5391, 31.9655,
33.6222


■ 15.6698, 26.1425,
19.6996


■ 30.6783, 33.5326,
36.0817


■ 15.1288, 25.8973,
18.1502


■ 34.2334, 35.3118,
38.6657

 14.9630, 25.8230,
17.6367

 38.2195, 37.3109,
41.3760

 42.6513, 39.5373,
44.2148

 47.5425, 41.9981,
47.1838

 52.9064, 44.7002,
50.2850

Harmonies

Analogous

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



21.8903, 28.4488, 19.0050



20.4475, 28.4488, 26.9677



20.6426, 28.4488, 38.1692

Triad

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



20.4475, 28.4488, 26.9677



29.4468, 28.4488, 55.5773



32.2146, 28.4488, 17.7119

Complementary

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



20.4475, 28.4488, 26.9677



20.3620, 14.9944, 16.5739

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.



34.6383, 28.4488, 24.7484



20.4475, 28.4488, 26.9677



32.9393, 28.4488, 47.1436

Square

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



20.4475, 28.4488, 26.9677



25.6013, 28.4488, 56.5740



34.9154, 28.4488, 35.3628



28.5310, 28.4488, 14.5669

Rectangle

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



20.4475, 28.4488, 26.9677



21.6793, 28.4488, 46.0517



34.9154, 28.4488, 35.3628



33.2180, 28.4488, 19.6119

Sweetspot

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



20.4483, 28.4499, 26.9684



50.5328, 57.8507, 61.1943



20.5817, 28.8264, 13.0740



11.1459, 12.9194, 13.5969



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.4483, 28.4499, 26.9684



33.5254, 49.4335, 44.5625



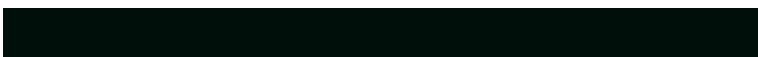
20.5794, 25.5840, 36.6558



6.7265, 7.4714, 7.9944



11.8378, 20.4031, 14.0348



0.2306, 0.3724, 0.3506

Inverse Universe

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



20.3620, 14.9944, 16.5739



33.3642, 22.2733, 23.6461



20.1306, 16.4115, 10.7015



6.7209, 6.6813, 7.3815



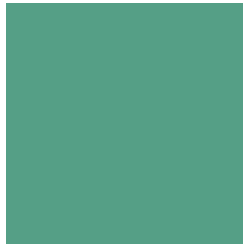
11.8317, 6.0372, 3.3647



0.2302, 0.1154, 0.1586

Previews

White Background



This preview shows how the XYZ color 20.4475, 28.4488, 26.9677 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 20.4475, 28.4488, 26.9677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

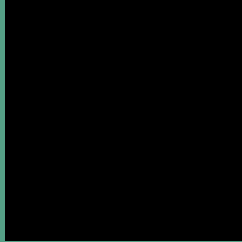
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.4475, 28.4488, 26.9677

Background



This preview shows how black text looks on a background with the XYZ color 20.4475, 28.4488, 26.9677.

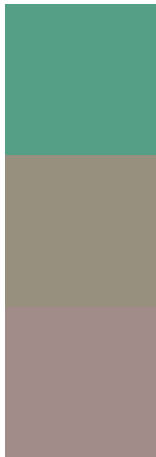


This preview shows how white text looks on a background with the XYZ color 20.4475, 28.4488,

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

20.4475, 28.4488, 26.9677

Protanopia

26.5017, 28.0322, 23.7526

Deuteranopia

28.6635, 28.1682, 27.9710



Tritanopia

23.1467, 28.2809, 40.7980

Trichromacy



Original Color

20.4475, 28.4488, 26.9677

Protanomaly

23.4623, 27.5919, 24.8581

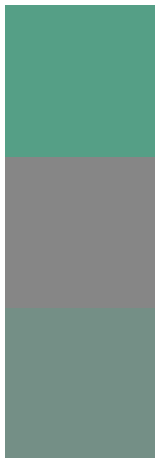
Deuteranomaly

24.6219, 27.6601, 27.7081

Tritanomaly

22.1192, 28.3676, 35.3200

Monochromacy



Original Color

20.4475, 28.4488, 26.9677

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.3280, 25.0792, 26.2709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4475, 28.4488, 26.9677 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(85, 159, 134)` looks like.

```
.text, #text, p{  
  color:rgb(85, 159, 134)  
}
```

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(85, 159, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 159, 134) }
```

Border

The CSS property to change the border of an element to XYZ 20.4475, 28.4488, 26.9677 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(85, 159, 134) }
```


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

```
.border{ border-color:rgb(85, 159, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 159, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 159, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 159, 134);  
box-shadow:4px 4px 4px 4px rgb(85, 159,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4475, 28.4488, 26.9677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 159, 134) }
```

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

```
.background{ background-color: rgb(85, 159,  
134) }
```

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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