

Converting Colors

XYZ(20.2131, 26.8200, 27.2930)

Have a look what the booklet for
XYZ(20.2131, 26.8200, 27.2930)
contains.

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Color

**XYZ(20.2488, 26.8354,
27.4051)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9988
RGB	92, 153, 136
RGB Percent	36%, 60%, 53%
CMY	0.6392, 0.4000, 0.4667
CMYK	0.40, 0.00, 0.11, 0.40
HSL	163°, 25%, 48%
HSV	163°, 40%, 60%
XYZ	20.2488, 26.8354, 27.4051
YIQ	132.8230, -30.8990, -18.2190

Conversions

Conversions Part 2

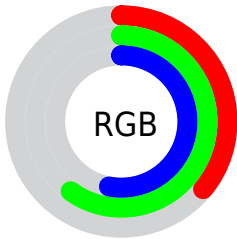
Format	Color
R_{YB}	92, 127, 153
Decimal	6068616
CIE Lab	58.82, -23.88, 2.73
CIE LCh	59, 24.039, 173.486
Yxy	26.8354, 0.2718, 0.3603
Android (android.graphics.Color)	4284258696 (0xFF5C9988)
YUV	132.8230, 1.5663, -35.8018
Hunter-Lab	51.8029, -20.8827, 4.8961

Details

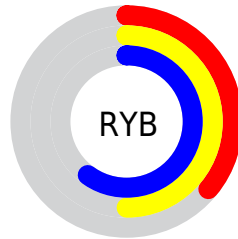
The XYZ color **20.2488, 26.8354, 27.4051** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.7252, 15.5314, 16.4272**, and the grayscale version is **22.2331, 23.3910, 25.4728**.

A 20% lighter version of the original color is **43.4182, 54.8056, 56.4343**, and **7.3062, 10.6257, 10.4700** is the 20% darker color. If you saturate the color by 10%, you get **18.5751, 26.0076, 25.7765**, and if you desaturate by 10%, it is **22.2448, 27.8293, 29.1129**.

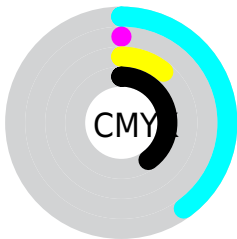
Distribution



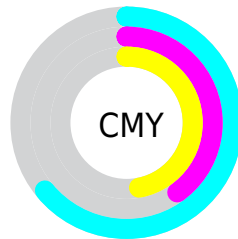
- Red (36%)
- Green (60%)
- Blue (53%)



- Red (36%)
- Yellow (50%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2488, 26.8354, 27.4051 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 20.2488, 26.8354, 27.4051 by changing the saturation by 10% instead.

■ 20.2488, 26.8354,
27.4051

■ 20.2488, 26.8354,
27.4051

246.0668,
286.8593, 303.4352

■ 12.6853, 17.4496,
17.6426

■ 43.3347, 54.6196,
56.5449

■ 7.2877, 10.5556,
10.5269

■ 59.5878, 73.7869,
76.7592

■ 3.6906, 5.7689,
5.6395

■ 79.4682, 96.9834,
101.2945

■ 1.5286, 2.7050,
2.5619

■ 103.3413,
124.5936, 130.5694

■ 0.3452, 0.9798,
0.8727

131.5723,
157.0020, 165.0024

■ 0.0000, 0.0000,
0.0000

164.5267,

194.5927, 205.0120

202.5697,
237.7504, 251.0167

■ 20.2488, 26.8354,
27.4051

■ 20.2488, 26.8354,
27.4051

■ 18.5751, 26.0076,
25.7765

■ 22.2448, 27.8293,
29.1129

■ 17.2026, 25.3330,
24.2236

■ 24.5780, 28.9950,
30.8996

■ 16.1112, 24.8019,
22.7454

■ 27.2653, 30.3418,
32.7673

■ 15.2772, 24.4023,
21.3400

■ 30.3216, 31.8774,
34.7173

■ 14.6731, 24.1197,
20.0053

■ 33.7610, 33.6090,
36.7509

■ 14.2314, 23.9196,
18.7375

■ 37.5968, 35.5436,
38.8695

■ 14.2258, 23.9171,
18.7213

■ 41.8418, 37.6875,
41.0743

■ 46.5081, 40.0472,
43.3665

■ 51.6072, 42.6285,
45.7474

Harmonies

Analogous

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



21.1913, 26.8354, 20.5377



20.2488, 26.8354, 27.4051



20.6247, 26.8354, 36.2244

Triad

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



20.2488, 26.8354, 27.4051



27.8475, 26.8354, 46.9068



29.0527, 26.8354, 17.9589

Complementary

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



20.2488, 26.8354, 27.4051



19.7252, 15.5314, 16.4272

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.



31.1031, 26.8354, 23.1808



20.2488, 26.8354, 27.4051



30.3704, 26.8354, 40.0560

Square

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



20.2488, 26.8354, 27.4051



24.8647, 26.8354, 48.6385



31.6030, 26.8354, 31.1116



26.1587, 26.8354, 15.8093

Rectangle

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



20.2488, 26.8354, 27.4051



21.5879, 26.8354, 41.9635



31.6030, 26.8354, 31.1116



29.8722, 26.8354, 19.3580

Sweetspot

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



20.2496, 26.8365, 27.4057



47.6287, 53.7353, 57.8748



19.6654, 26.8256, 14.2670



10.3905, 11.8019, 12.6930



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.



20.2496, 26.8365, 27.4057



33.5175, 46.6995, 46.4237



19.5107, 23.2691, 33.6014



6.3111, 6.9972, 7.5617



11.7715, 19.7721, 15.5492



0.1911, 0.3017, 0.3122

Inverse Universe

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



19.7252, 15.5314, 16.4272



32.4514, 23.5270, 23.9630



20.1432, 17.6931, 12.4790



6.2760, 6.2496, 6.8337



11.2251, 5.7443, 2.4444



0.1818, 0.0915, 0.1101

Previews

White Background



This preview shows how the XYZ color 20.2488, 26.8354, 27.4051 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 20.2488, 26.8354, 27.4051 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 20.2488, 26.8354, 27.4051

Background



This preview shows how black text looks on a background with the XYZ color 20.2488, 26.8354, 27.4051.

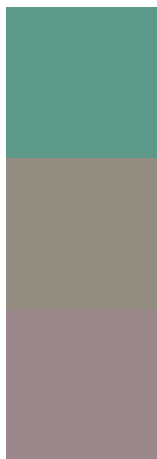


This preview shows how white text looks on a background with the XYZ color 20.2488, 26.8354,

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

20.2488, 26.8354, 27.4051

Protanopia

25.1946, 26.4521, 24.5468

Deuteranopia

27.0554, 26.4703, 28.4943



Tritanopia

22.2175, 26.6648, 37.6940

Trichromacy



Original Color

20.2488, 26.8354, 27.4051

Protanomaly

22.8944, 26.3524, 25.7096

Deuteranomaly

23.8489, 26.1156, 28.2099

Tritanomaly

21.3977, 26.5665, 33.7058

Monochromacy



Original Color

20.2488, 26.8354, 27.4051

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.1524, 24.3289, 26.1354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2488, 26.8354, 27.4051 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(92, 153, 136)` looks like.

```
.text, #text, p{  
  color:rgb(92, 153, 136)  
}
```

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(92, 153, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 153, 136) }
```

Border

The CSS property to change the border of an element to XYZ 20.2488, 26.8354, 27.4051 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(92, 153, 136) }
```


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

```
.border{ border-color:rgb(92, 153, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 153, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 153, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 153, 136);  
box-shadow:4px 4px 4px 4px rgb(92, 153,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2488, 26.8354, 27.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 153, 136) }
```

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

```
.background{ background-color: rgb(92, 153,  
136) }
```

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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