

Converting Colors

XYZ(20.6292, 26.8739, 29.2912)

Have a look what the booklet for
XYZ(20.6292, 26.8739, 29.2912)
contains.

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Color

**XYZ(20.7132, 27.0327,
29.3254)**

Conversions

Conversions Part 1

Format	Color
Hex	5D998D
RGB	93, 153, 141
RGB Percent	36%, 60%, 55%
CMY	0.6353, 0.4000, 0.4471
CMYK	0.39, 0.00, 0.08, 0.40
HSL	168°, 24%, 48%
HSV	168°, 39%, 60%
XYZ	20.7132, 27.0327, 29.3254
YIQ	133.6920, -31.9080, -16.4520

Conversions

Conversions Part 2

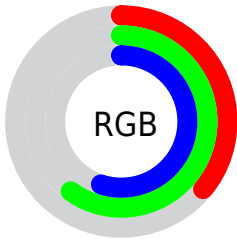
Format	Color
R_{YB}	93, 126, 153
Decimal	6134157
CIE _{Lab}	59.00, -22.41, 0.16
CIE _{LCh}	59, 22.407, 179.593
Yxy	27.0327, 0.2688, 0.3507
Android (android.graphics.Color)	4284324237 (0xFF5D998D)
YUV	133.6920, 3.6028, -35.6869
Hunter-Lab	51.9930, -19.8761, 2.9540

Details

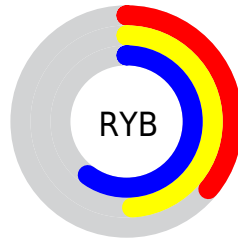
The XYZ color **20.7132, 27.0327, 29.3254** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6020, 15.6218, 15.3480**, and the grayscale version is **22.5433, 23.7173, 25.8281**.

A 20% lighter version of the original color is **44.2603, 55.1629, 59.9445**, and **7.5541, 10.7295, 11.5704** is the 20% darker color. If you saturate the color by 10%, you get **19.0924, 26.2238, 28.0776**, and if you desaturate by 10%, it is **22.6517, 28.0060, 30.6221**.

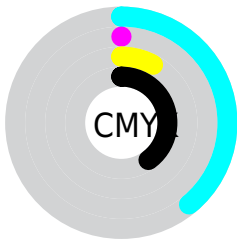
Distribution



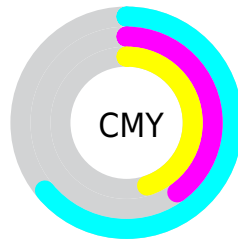
- Red (36%)
- Green (60%)
- Blue (55%)



- Red (36%)
- Yellow (49%)
- Blue (60%)



- Cyan (39%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7132, 27.0327, 29.3254 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 20.7132, 27.0327, 29.3254 by changing the saturation by 10% instead.

■ 20.7132, 27.0327,
29.3254

■ 20.7132, 27.0327,
29.3254

248.5110,
287.8154, 312.8560

■ 13.0258, 17.5978,
19.0794

■ 44.1046, 54.9363,
59.6420

■ 7.5234, 10.6616,
11.5503

■ 60.5393, 74.1738,
80.5498

■ 3.8408, 5.8398,
6.3195

■ 80.6205, 97.4477,
105.8485

■ 1.6124, 2.7479,
2.9684

■ 104.7135,
125.1422, 135.9568

■ 0.4005, 1.0016,
1.0785

133.1837,
157.6419, 171.2931

■ 0.0000, 0.0000,
0.0000

166.3965,

195.3310, 212.2761

204.7171,
238.5941, 259.3242

■ 20.7132, 27.0327,
29.3254

■ 20.7132, 27.0327,
29.3254

■ 19.0924, 26.2238,
28.0776

■ 22.6517, 28.0060,
30.6221

■ 17.7683, 25.5664,
26.8758

■ 24.9227, 29.1494,
31.9668

■ 16.7212, 25.0511,
25.7192

■ 27.5428, 30.4719,
33.3613

■ 15.9277, 24.6658,
24.6065

■ 30.5268, 31.9814,
34.8064

■ 15.3605, 24.3966,
23.5363

■ 33.8888, 33.6849,
36.3031

■ 14.9593, 24.2121,
22.5053

■ 37.6418, 35.5892,
37.8522

■ 14.9292, 24.1984,
22.4258

■ 41.7985, 37.7009,
39.4546

■ 46.3709, 40.0261,
41.1110

■ 51.3705, 42.5708,
42.8222

Harmonies

Analogous

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



21.3561, 27.0327, 22.3492



20.7132, 27.0327, 29.3254



21.3226, 27.0327, 37.6547

Triad

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



20.7132, 27.0327, 29.3254



28.4234, 27.0327, 44.8437



28.4938, 27.0327, 18.1120

Complementary

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



20.7132, 27.0327, 29.3254



19.6020, 15.6218, 15.3480

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.



30.6249, 27.0327, 22.5063



20.7132, 27.0327, 29.3254



30.5822, 27.0327, 37.8771

Square

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



20.7132, 27.0327, 29.3254



25.6558, 27.0327, 47.5380



31.4149, 27.0327, 29.5429



25.7318, 27.0327, 16.6320

Rectangle

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



20.7132, 27.0327, 29.3254



22.3840, 27.0327, 42.6892



31.4149, 27.0327, 29.5429



29.3147, 27.0327, 19.2531

Sweetspot

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



20.7140, 27.0338, 29.3260



47.8385, 53.8192, 58.9798



19.3118, 26.6381, 14.4804



10.4410, 11.8221, 12.9591



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.



20.7140, 27.0338, 29.3260



34.5339, 47.1329, 50.5648



19.0690, 22.2364, 33.4252



6.3316, 7.0054, 7.6696



12.3502, 20.0035, 18.5967



0.1966, 0.3039, 0.3412

Inverse Universe

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



19.6020, 15.6218, 15.3480



32.2663, 23.7749, 21.9957



20.6895, 18.7154, 12.8786



6.2568, 6.2419, 6.7325



11.0676, 5.6813, 1.6153



0.1763, 0.0893, 0.0812

Previews

White Background



This preview shows how the XYZ color 20.7132, 27.0327, 29.3254 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 20.7132, 27.0327, 29.3254 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 20.7132, 27.0327, 29.3254

Background



This preview shows how black text looks on a background with the XYZ color 20.7132, 27.0327, 29.3254.

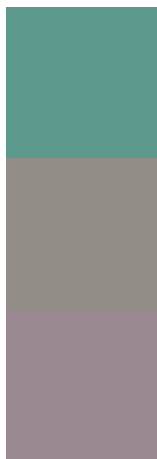


This preview shows how white text looks on a background with the XYZ color 20.7132, 27.0327,

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

20.7132, 27.0327, 29.3254

Protanopia

25.6820, 26.8820, 26.3894

Deuteranopia

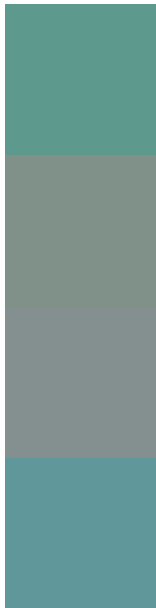
27.3061, 26.7750, 30.1145



Tritanopia

22.4649, 27.0180, 38.2134

Trichromacy



Original Color

20.7132, 27.0327, 29.3254

Protanomaly

23.3932, 26.5690, 27.5623

Deuteranomaly

24.2961, 26.5336, 29.8276

Tritanomaly

21.7232, 26.9531, 34.6294

Monochromacy



Original Color

20.7132, 27.0327, 29.3254

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.6480, 24.7778, 27.3085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7132, 27.0327, 29.3254 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(93, 153, 141)` looks like.

```
.text, #text, p{  
    color:rgb(93, 153, 141)  
}
```

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(93, 153, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 153, 141) }
```

Border

The CSS property to change the border of an element to XYZ 20.7132, 27.0327, 29.3254 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(93, 153, 141) }
```


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

```
.border{ border-color:rgb(93, 153, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 153, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 153, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 153, 141);  
box-shadow:4px 4px 4px 4px rgb(93, 153,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7132, 27.0327, 29.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 153, 141) }
```

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

```
.background{ background-color: rgb(93, 153,  
141) }
```

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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