

Converting Colors

XYZ(19.3670, 20.1442, 27.1756)

Have a look what the booklet for
XYZ(19.3670, 20.1442, 27.1756)
contains.

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Color

**XYZ(19.3391, 20.1309,
27.2925)**

Conversions

Conversions Part 1

Format	Color
Hex	767C8B
RGB	118, 124, 139
RGB Percent	46%, 49%, 55%
CMY	0.5372, 0.5137, 0.4549
CMYK	0.15, 0.11, 0.00, 0.45
HSL	223°, 8%, 50%
HSV	223°, 15%, 55%
XYZ	19.3391, 20.1309, 27.2925
YIQ	123.9160, -8.3910, 3.3930

Conversions

Conversions Part 2

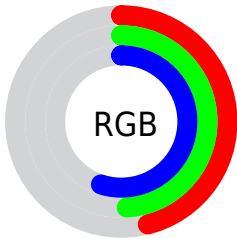
Format	Color
R_{YB}	118, 123, 139
Decimal	7765131
CIE Lab	51.98, 1.04, -8.89
CIE LCh	52, 8.949, 276.701
Yxy	20.1309, 0.2897, 0.3015
Android (android.graphics.Color)	4285955211 (0xFF767C8B)
YUV	123.9160, 7.4364, -5.1883
Hunter-Lab	44.8675, -1.5797, -4.6584

Details

The XYZ color **19.3391, 20.1309, 27.2925** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.3053, 23.5722, 20.5144**, and the grayscale version is **19.1087, 20.1039, 21.8931**.

A 20% lighter version of the original color is **41.6173, 43.4025, 56.0532**, and **6.7735, 7.0186, 10.4489** is the 20% darker color. If you saturate the color by 10%, you get **16.4067, 16.8647, 26.8169**, and if you desaturate by 10%, it is **22.6762, 23.7927, 27.8237**.

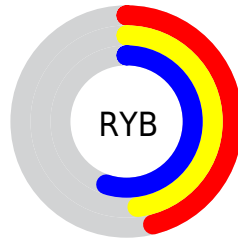
Distribution



Red (46%)

Green (49%)

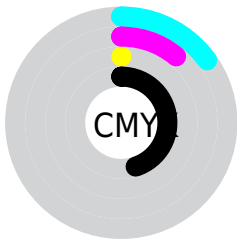
Blue (55%)



Red (46%)

Yellow (48%)

Blue (55%)

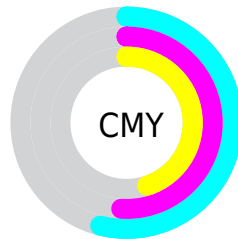


Cyan (15%)

Magenta (11%)

Yellow (0%)

Black (45%)



Cyan (54%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3391, 20.1309, 27.2925 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 19.3391, 20.1309, 27.2925 by changing the saturation by 10% instead.

■ 19.3391, 20.1309,
27.2925

■ 19.3391, 20.1309,
27.2925

241.2168,
252.6229, 302.8754

■ 12.0210, 12.4902,
17.5586

■ 41.8188, 43.6365,
56.3623

■ 6.8303, 7.0785,
10.4674

■ 57.7111, 60.2703,
76.5353

■ 3.4016, 3.5112,
5.6003

■ 77.1922, 80.6705,
101.0252

■ 1.3695, 1.4041,
2.5388

100.6274,
105.2217, 130.2504

■ 0.2343, 0.2197,
0.8606

128.3821,
134.3081, 164.6295

■ 0.0000, 0.0000,
0.0000

160.8217,

168.3141, 204.5810

198.3114,
207.6243, 250.5234

■ 19.3391, 20.1309,
27.2925

■ 19.3391, 20.1309,
27.2925

■ 16.4067, 16.8647,
26.8169

■ 22.6762, 23.7927,
27.8237

■ 13.8614, 13.9781,
26.3939

■ 26.4310, 27.8607,
28.4110

■ 11.6870, 11.4573,
26.0220

■ 30.6184, 32.3478,
29.0564

■ 9.8651, 9.2871,
25.6991

■ 35.2517, 37.2660,
29.7615

■ 8.3760, 7.4509,
25.4231

■ 40.3440, 42.6265,
30.5278

■ 7.1980, 5.9305,
25.1918

■ 45.9074, 48.4402,
31.3568

■ 6.3061, 4.7060,
25.0024

■ 51.9538, 54.7177,
32.2498

■ 5.6678, 3.7528,
24.8521

■ 58.4948, 61.4690,
33.2081

■ 5.4097, 3.3630,
24.7904

■ 65.5413, 68.7040,
34.2333

Harmonies

Analogous

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



18.4489, 20.1309, 26.8607



19.3391, 20.1309, 27.2925



20.2006, 20.1309, 26.1954

Triad

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



19.3391, 20.1309, 27.2925



20.5739, 20.1309, 19.0537



17.5686, 20.1309, 19.9929

Complementary

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



19.3391, 20.1309, 27.2925



22.3053, 23.5722, 20.5144

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.



18.1052, 20.1309, 18.1356



19.3391, 20.1309, 27.2925



19.8355, 20.1309, 17.6241

Square

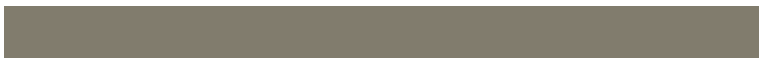
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.3391, 20.1309, 27.2925



20.9280, 20.1309, 21.3385



18.9300, 20.1309, 17.3018



17.4452, 20.1309, 22.5102

Rectangle

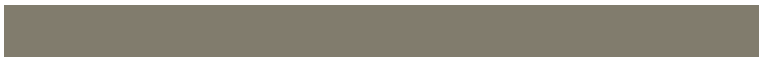
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



19.3391, 20.1309, 27.2925



20.6366, 20.1309, 24.7923



18.9300, 20.1309, 17.3018



17.7058, 20.1309, 19.2770

Sweetspot

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



19.3397, 20.1317, 27.2929



40.6075, 42.6070, 49.8267



20.9172, 24.0024, 25.6127



9.2665, 9.7190, 11.4670



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.



19.3397, 20.1317, 27.2929



32.8302, 34.0538, 48.5857



19.1935, 18.9737, 27.0771



4.8835, 5.1100, 6.3348



4.8957, 3.0618, 22.3786



0.0438, 0.0428, 0.1524

Inverse Universe

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



20.7645, 19.9016, 21.8166



35.8822, 33.6154, 36.8429



22.4626, 24.9080, 20.7639



5.0878, 5.0706, 5.5510



9.9579, 5.0933, 2.2829



0.0718, 0.0361, 0.0450

Previews

White Background



This preview shows how the XYZ color 19.3391, 20.1309, 27.2925 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 19.3391, 20.1309, 27.2925 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

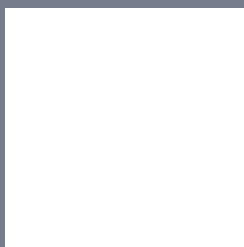
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.3391, 20.1309, 27.2925

Background



This preview shows how black text looks on a background with the XYZ color 19.3391, 20.1309, 27.2925.



This preview shows how white text looks on a background with the XYZ color 19.3391, 20.1309,

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

19.3391, 20.1309, 27.2925

Protanopia

19.6964, 20.1385, 26.8938

Deuteranopia

20.4731, 20.1574, 27.6227



Tritanopia

19.0429, 20.1984, 25.8167

Trichromacy



Original Color

19.3391, 20.1309, 27.2925

Protanomaly

19.5556, 20.0658, 26.8872

Deuteranomaly

20.0053, 20.0976, 27.6358

Tritanomaly

19.1137, 20.2267, 26.1893

Monochromacy



Original Color

19.3391, 20.1309, 27.2925

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.1961, 20.1379, 23.6441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3391, 20.1309, 27.2925 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(118, 124, 139)` looks like.

```
.text, #text, p{  
    color:rgb(118, 124, 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(118, 124, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 124, 139) }
```

Border

The CSS property to change the border of an element to XYZ 19.3391, 20.1309, 27.2925 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(118, 124, 139) }
```


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

```
.border{ border-color:rgb(118, 124, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 124, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 124, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 124, 139);  
box-shadow:4px 4px 4px 4px rgb(118, 124,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3391, 20.1309, 27.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 124, 139) }
```

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

```
.background{ background-color: rgb(118,  
124, 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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