

Converting Colors

XYZ(19.2554, 21.3332, 27.6089)

Have a look what the booklet for
XYZ(19.2554, 21.3332, 27.6089)
contains.

XYZ(19.1984, 21.2089, 27.5080)	3
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Color

**XYZ(19.1984, 21.2089,
27.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	6F828B
RGB	111, 130, 139
RGB Percent	44%, 51%, 55%
CMY	0.5647, 0.4902, 0.4549
CMYK	0.20, 0.06, 0.00, 0.45
HSL	199°, 11%, 49%
HSV	199°, 20%, 55%
XYZ	19.1984, 21.2089, 27.5080
YIQ	125.3450, -14.2130, -1.2290

Conversions

Conversions Part 2

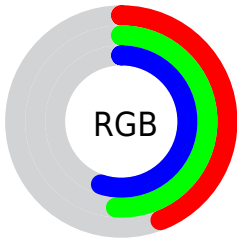
Format	Color
R_{YB}	111, 122, 139
Decimal	7307915
CIE _{Lab}	53.18, -4.81, -7.16
CIE _{LCh}	53, 8.628, 236.113
Yxy	21.2089, 0.2827, 0.3123
Android (android.graphics.Color)	4285497995 (0xFF6F828B)
YUV	125.3450, 6.7319, -12.5806
Hunter-Lab	46.0531, -6.1808, -3.1773

Details

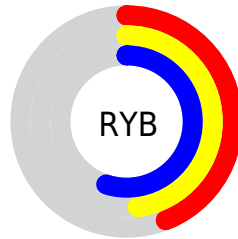
The XYZ color **19.1984, 21.2089, 27.5080** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.2334, 20.0696, 17.8467**, and the grayscale version is **19.5912, 20.6115, 22.4459**.

A 20% lighter version of the original color is **41.5522, 45.4593, 56.4537**, and **6.7955, 7.6629, 10.5721** is the 20% darker color. If you saturate the color by 10%, you get **17.0025, 19.2144, 27.2391**, and if you desaturate by 10%, it is **21.6936, 23.3971, 27.7992**.

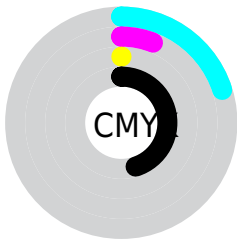
Distribution



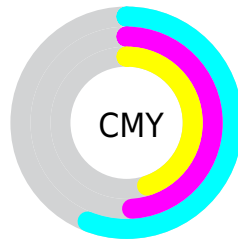
- Red (44%)
- Green (51%)
- Blue (55%)



- Red (44%)
- Yellow (48%)
- Blue (55%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1984, 21.2089, 27.5080 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 19.1984, 21.2089, 27.5080 by changing the saturation by 10% instead.

■ 19.1984, 21.2089,
27.5080

■ 19.1984, 21.2089,
27.5080

240.4590,
258.3866, 303.9460

■ 11.9186, 13.2768,
17.7193

■ 41.5834, 45.4349,
56.7116

■ 6.7601, 7.6194,
10.5813

■ 57.4192, 62.4977,
76.9636

■ 3.3575, 3.8524,
5.6754

■ 76.8378, 83.3727,
101.5404

■ 1.3455, 1.5913,
2.5832

■ 100.2045,
108.4445, 130.8606

■ 0.2169, 0.3518,
0.8837

127.8846,
138.0973, 165.3427

■ 0.0000, 0.0000,
0.0000

160.2434,

172.7157, 205.4053

197.6465,
212.6840, 251.4669

■ 19.1984, 21.2089,
27.5080

■ 19.1984, 21.2089,
27.5080

■ 17.0025, 19.2144,
27.2391

■ 21.6936, 23.3971,
27.7992

■ 15.0911, 17.4038,
26.9904

■ 24.4981, 25.7830,
28.1119

■ 13.4510, 15.7704,
26.7615

■ 27.6241, 28.3738,
28.4472

■ 12.0670, 14.3059,
26.5518

■ 31.0823, 31.1756,
28.8058

■ 10.9225, 13.0011,
26.3603

■ 34.8829, 34.1941,
29.1881

■ 9.9986, 11.8460,
26.1860

■ 39.0357, 37.4347,
29.5947

■ 9.2735, 10.8285,
26.0278

■ 43.5502, 40.9027,
30.0261

■ 8.6925, 9.9286,
25.8847

■ 48.4352, 44.6032,
30.4829

■ 53.6997, 48.5412,
30.9656

Harmonies

Analogous

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



18.6276, 21.2089, 25.3696



19.1984, 21.2089, 27.5080



20.0400, 21.2089, 28.4625

Triad

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



19.1984, 21.2089, 27.5080



21.9552, 21.2089, 23.4343



19.3980, 21.2089, 18.8788

Complementary

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



19.1984, 21.2089, 27.5080



20.2334, 20.0696, 17.8467

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.



20.2773, 21.2089, 18.4450



19.1984, 21.2089, 27.5080



21.7709, 21.2089, 20.9566

Square

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



19.1984, 21.2089, 27.5080



21.6462, 21.2089, 26.0014



21.1499, 21.2089, 19.1774



18.7404, 21.2089, 20.4098

Rectangle

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



19.1984, 21.2089, 27.5080



20.6480, 21.2089, 28.2500



21.1499, 21.2089, 19.1774



19.6767, 21.2089, 18.6050

Sweetspot

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



19.1990, 21.2098, 27.5085



40.7964, 43.5707, 50.0028



19.1706, 23.1980, 21.1946



9.3372, 9.9857, 11.5148



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.



19.1990, 21.2098, 27.5085



32.5950, 36.3763, 49.0464



17.4769, 17.7656, 26.9344



5.0396, 5.4221, 6.3868



7.8611, 8.9926, 23.3671



0.0655, 0.0863, 0.1597

Inverse Universe

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



20.3617, 18.4700, 23.6120



35.0817, 30.6848, 40.6747



22.0238, 23.6504, 18.4436



5.1666, 5.1021, 5.9658



11.4547, 5.6920, 10.1650



0.0828, 0.0405, 0.1028

Previews

White Background



This preview shows how the XYZ color 19.1984, 21.2089, 27.5080 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 19.1984, 21.2089, 27.5080 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

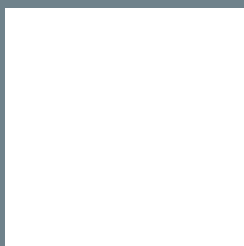
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1984, 21.2089, 27.5080

Background



This preview shows how black text looks on a background with the XYZ color 19.1984, 21.2089, 27.5080.



This preview shows how white text looks on a background with the XYZ color 19.1984, 21.2089,

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

19.1984, 21.2089, 27.5080

Protanopia

20.5090, 21.1349, 26.2911

Deuteranopia

21.4894, 21.0459, 27.7406



Tritanopia

19.2718, 21.2382, 27.8946

Trichromacy



Original Color

19.1984, 21.2089, 27.5080

Protanomaly

19.9899, 21.0498, 26.6764

Deuteranomaly

20.6519, 21.1751, 27.8097

Tritanomaly

19.2718, 21.2382, 27.8946

Monochromacy



Original Color

19.1984, 21.2089, 27.5080

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.3644, 20.7835, 24.1101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1984, 21.2089, 27.5080 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(111, 130, 139)` looks like.

```
.text, #text, p{  
    color:rgb(111, 130, 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(111, 130, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 130, 139) }
```

Border

The CSS property to change the border of an element to XYZ 19.1984, 21.2089, 27.5080 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(111, 130, 139) }
```


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

```
.border{ border-color:rgb(111, 130, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 130, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 130, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 130, 139);  
box-shadow:4px 4px 4px 4px rgb(111, 130,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1984, 21.2089, 27.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 130, 139) }
```

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

```
.background{ background-color: rgb(111,  
130, 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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