

Converting Colors

XYZ(19.0390, 20.7380, 27.6736)

Have a look what the booklet for
XYZ(19.0390, 20.7380, 27.6736)
contains.

| | |
|--|----|
| XYZ(19.0083, 20.7113, 27.8068) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(19.0083, 20.7113,
27.8068)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6F808C |
| RGB | 111, 128, 140 |
| RGB Percent | 44%, 50%, 55% |
| CMY | 0.5647, 0.4980, 0.4510 |
| CMYK | 0.21, 0.09, 0.00, 0.45 |
| HSL | 205°, 12%, 49% |
| HSV | 205°, 21%, 55% |
| XYZ | 19.0083, 20.7113, 27.8068 |
| YIQ | 124.2850, -13.9840, 0.1280 |

Conversions

Conversions Part 2

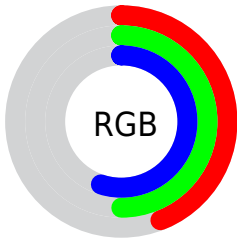
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 111, 122, 140 |
| Decimal | 7307404 |
| CIE _{Lab} | 52.63, -3.43, -8.56 |
| CIE _{LCh} | 53, 9.221, 248.151 |
| Yxy | 20.7113, 0.2815, 0.3067 |
| Android (android.graphics.Color) | 4285497484 (0xFF6F808C) |
| YUV | 124.2850, 7.7475, -11.6509 |
| Hunter-Lab | 45.5097, -5.0867, -4.3699 |

Details

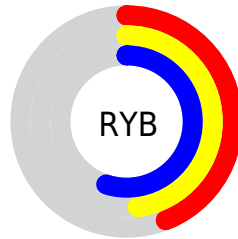
The XYZ color **19.0083, 20.7113, 27.8068** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.7675, 20.8890, 17.9766**, and the grayscale version is **19.2320, 20.2336, 22.0343**.

A 20% lighter version of the original color is **41.3657, 44.7293, 57.4924**, and **6.6913, 7.3869, 10.7460** is the 20% darker color. If you saturate the color by 10%, you get **16.6490, 18.4058, 27.4865**, and if you desaturate by 10%, it is **21.6881, 23.2471, 28.1554**.

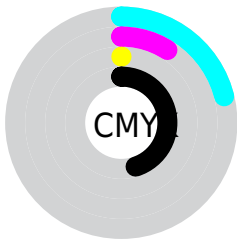
Distribution



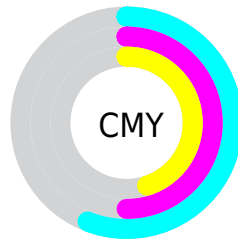
- Red (44%)
- Green (50%)
- Blue (55%)



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



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0083, 20.7113, 27.8068 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 19.0083, 20.7113, 27.8068 by changing the saturation by 10% instead.

■ 19.0083, 20.7113,
27.8068

■ 19.0083, 20.7113,
27.8068

239.4318,
255.7402, 305.4254

■ 11.7803, 12.9131,
17.9423

■ 41.2649, 44.6066,
57.1952

■ 6.6654, 7.3688,
10.7396

■ 57.0242, 61.4724,
77.5562

■ 3.2982, 3.6938,
5.7800

■ 76.3580, 82.1297,
102.2532

■ 1.3133, 1.5038,
2.6452

■ 99.6317, 106.9627,
131.7045

■ 0.1932, 0.2914,
0.9156

127.2105,
136.3559, 166.3289

■ 0.0000, 0.0000,
0.0000

159.4599,

170.6936, 206.5448

196.7452,
210.3602, 252.7708

■ 19.0083, 20.7113,
27.8068

■ 19.0083, 20.7113,
27.8068

■ 16.6490, 18.4058,
27.4865

■ 21.6881, 23.2471,
28.1554

■ 14.5948, 16.3200,
27.1921

■ 24.6993, 26.0183,
28.5316

■ 12.8317, 14.4462,
26.9234

■ 28.0543, 29.0329,
28.9366

■ 11.3440, 12.7751,
26.6792

■ 31.7646, 32.2977,
29.3712

■ 10.1140, 11.2965,
26.4587

■ 35.8410, 35.8192,
29.8361

■ 9.1220, 9.9991,
26.2605

■ 40.2938, 39.6037,
30.3319

■ 8.3450, 8.8697,
26.0835

■ 45.1328, 43.6573,
30.8592

■ 7.7569, 7.9399,
25.9350

■ 50.3677, 47.9857,
31.4188

■ 56.0075, 52.5946,
32.0112

Harmonies

Analogous

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



18.2731, 20.7113, 25.9670



19.0083, 20.7113, 27.8068



19.9476, 20.7113, 28.1827

Triad

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



19.0083, 20.7113, 27.8068



21.5645, 20.7113, 21.8119



18.5701, 20.7113, 18.6541

Complementary

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



19.0083, 20.7113, 27.8068



20.7675, 20.8890, 17.9766

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.



19.4256, 20.7113, 17.7246



19.0083, 20.7113, 27.8068



21.1688, 20.7113, 19.4487

Square

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



19.0083, 20.7113, 27.8068



21.4440, 20.7113, 24.5706



20.3785, 20.7113, 18.0032



18.0258, 20.7113, 20.6454

Rectangle

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



19.0083, 20.7113, 27.8068



20.5668, 20.7113, 27.5261



20.3785, 20.7113, 18.0032



18.8297, 20.7113, 18.2148

Sweetspot

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



19.0089, 20.7121, 27.8073



40.5982, 43.1742, 49.9367



19.4841, 23.5561, 22.1281



9.2875, 9.8864, 11.4982



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.



19.0089, 20.7121, 27.8073



31.4419, 34.5095, 48.7468



17.2955, 17.2854, 27.2361



5.0022, 5.3474, 6.3743



6.9120, 7.0943, 23.0507



0.0604, 0.0761, 0.1580

Inverse Universe

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



20.3964, 18.5032, 22.9195



34.3924, 29.9985, 38.3110



22.6447, 24.6433, 18.6024



5.1477, 5.0945, 5.8665



10.9757, 5.5004, 7.6421



0.0802, 0.0395, 0.0892

Previews

White Background



This preview shows how the XYZ color 19.0083, 20.7113, 27.8068 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 19.0083, 20.7113, 27.8068 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

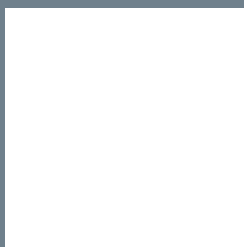
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0083, 20.7113, 27.8068

Background



This preview shows how black text looks on a background with the XYZ color 19.0083, 20.7113, 27.8068.



This preview shows how white text looks on a background with the XYZ color 19.0083, 20.7113,

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

19.0083, 20.7113, 27.8068

Protanopia

20.2332, 20.7873, 26.9907

Deuteranopia

20.9732, 20.5880, 28.0678



Tritanopia

18.8622, 20.6528, 27.0370

Trichromacy



Original Color

19.0083, 20.7113, 27.8068

Protanomaly

19.7288, 20.7077, 27.3833

Deuteranomaly

20.1837, 20.5493, 28.1019

Tritanomaly

18.9349, 20.6819, 27.4201

Monochromacy



Original Color

19.0083, 20.7113, 27.8068

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.9706, 20.2009, 24.0184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0083, 20.7113, 27.8068 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, 128, 140)` looks like.

```
.text, #text, p{  
    color:rgb(111, 128, 140)  
}
```

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, 128, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 128, 140) }
```

Border

The CSS property to change the border of an element to XYZ 19.0083, 20.7113, 27.8068 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, 128, 140) }
```


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

```
.border{ border-color:rgb(111, 128, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 128, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 128, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 128, 140); box-shadow:4px 4px 4px 4px rgb(111, 128, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0083, 20.7113, 27.8068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 128, 140) }
```

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

```
.background{ background-color: rgb(111,  
128, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor