

Converting Colors

XYZ(20.2995, 19.9950, 27.6171)

Have a look what the booklet for
XYZ(20.2995, 19.9950, 27.6171)
contains.

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Color

**XYZ(20.3234, 20.0802,
27.6157)**

Conversions

Conversions Part 1

Format	Color
Hex	7F798C
RGB	127, 121, 140
RGB Percent	50%, 47%, 55%
CMY	0.5020, 0.5255, 0.4510
CMYK	0.09, 0.14, 0.00, 0.45
HSL	259°, 8%, 51%
HSV	259°, 14%, 55%
XYZ	20.3234, 20.0802, 27.6157
YIQ	124.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

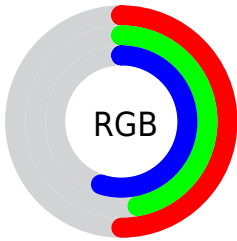
Format	Color
R_{YB}	127, 121, 140
Decimal	8354188
CIE Lab	51.93, 6.20, -9.48
CIE LCh	52, 11.327, 303.170
Yxy	20.0802, 0.2988, 0.2952
Android (android.graphics.Color)	4286544268 (0xFF7F798C)
YUV	124.9600, 7.4147, 1.7891
Hunter-Lab	44.8109, 2.5371, -5.1711

Details

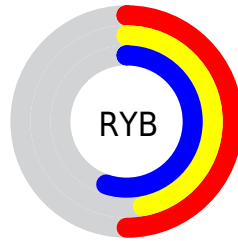
The XYZ color **20.3234, 20.0802, 27.6157** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.6615, 25.2055, 21.7609**, and the grayscale version is **19.4565, 20.4697, 22.2915**.

A 20% lighter version of the original color is **43.5036, 43.4855, 57.1396**, and **7.3699, 7.1230, 10.6593** is the 20% darker color. If you saturate the color by 10%, you get **17.3846, 16.2206, 27.0259**, and if you desaturate by 10%, it is **23.6461, 24.5053, 28.2950**.

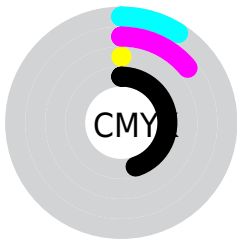
Distribution



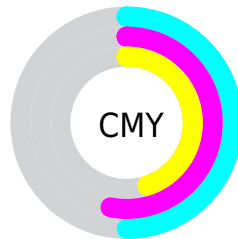
- Red (50%)
- Green (47%)
- Blue (55%)



- Red (50%)
- Yellow (47%)
- Blue (55%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3234, 20.0802, 27.6157 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 20.3234, 20.0802, 27.6157 by changing the saturation by 10% instead.

■ 20.3234, 20.0802,
27.6157

■ 20.3234, 20.0802,
27.6157

246.4609,
252.3490, 304.4800

■ 12.7400, 12.4534,
17.7997

■ 43.4585, 43.5516,
56.8860

■ 7.3255, 7.0532,
10.6383

■ 59.7410, 60.1650,
77.1773

■ 3.7146, 3.4954,
5.7131

■ 79.6538, 80.5426,
101.7975

■ 1.5420, 1.3955,
2.6055

103.5623,
105.0689, 131.1651

■ 0.3541, 0.2134,
0.8953

131.8319,
134.1283, 165.6985

■ 0.0000, 0.0000,
0.0000

164.8280,

168.1052, 205.8165

202.9158,
207.3839, 251.9375

■ 20.3234, 20.0802,
27.6157

■ 20.3234, 20.0802,
27.6157

■ 17.3846, 16.2206,
27.0259

■ 23.6461, 24.5053,
28.2950

■ 14.8134, 12.9009,
26.5207

■ 27.3643, 29.5151,
29.0660

■ 12.5952, 10.0971,
26.0964

■ 31.4916, 35.1310,
29.9325

■ 10.7135, 7.7825,
25.7488

■ 36.0402, 41.3728,
30.8975

■ 9.1506, 5.9280,
25.4732

■ 41.0220, 48.2589,
31.9641

■ 7.8868, 4.5012,
25.2644

■ 46.4481, 55.8075,
33.1351

■ 6.9002, 3.4652,
25.1165

■ 52.3295, 64.0356,
34.4133

■ 6.1648, 2.7763,
25.0223

■ 58.6767, 72.9598,
35.8014

■ 5.7812, 2.4335,
24.9763

■ 65.4997, 82.5962,
37.3018

Harmonies

Analogous

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



19.2084, 20.0802, 28.8296



20.3234, 20.0802, 27.6157



21.1313, 20.0802, 24.8541

Triad

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



20.3234, 20.0802, 27.6157



20.1030, 20.0802, 16.6774



16.9582, 20.0802, 22.2166

Complementary

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



20.3234, 20.0802, 27.6157



22.6615, 25.2055, 21.7609

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.



17.1764, 20.0802, 19.1237



20.3234, 20.0802, 27.6157



18.9634, 20.0802, 16.1217

Square

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



20.3234, 20.0802, 27.6157



21.0005, 20.0802, 18.5735



17.8992, 20.0802, 16.9720



17.2908, 20.0802, 25.5217

Rectangle

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



20.3234, 20.0802, 27.6157



21.3706, 20.0802, 22.6271



17.8992, 20.0802, 16.9720



16.9696, 20.0802, 21.1181

Sweetspot

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



20.3240, 20.0810, 27.6161



41.3705, 42.7774, 49.8194



21.1861, 23.0923, 28.1519



9.4355, 9.7267, 11.4596



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.



20.3240, 20.0810, 27.6161



34.3312, 33.4222, 48.3846



21.7575, 20.8200, 27.6832



4.9136, 4.9639, 6.3050



5.1555, 2.1719, 22.1932



0.0481, 0.0216, 0.1481

Inverse Universe

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



21.9564, 20.9723, 25.4460



37.7465, 35.2878, 43.8030



21.2582, 24.4821, 21.6952



5.1678, 5.1025, 5.9719



11.4867, 5.7048, 10.3330



0.0830, 0.0406, 0.1037

Previews

White Background



This preview shows how the XYZ color 20.3234, 20.0802, 27.6157 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 20.3234, 20.0802, 27.6157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

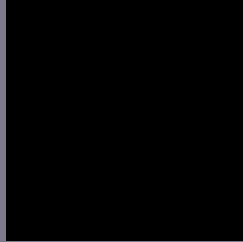
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.3234, 20.0802, 27.6157

Background



This preview shows how black text looks on a background with the XYZ color 20.3234, 20.0802, 27.6157.



This preview shows how white text looks on a background with the XYZ color 20.3234, 20.0802,

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

20.3234, 20.0802, 27.6157

Protanopia

19.7758, 20.1540, 28.0471

Deuteranopia

20.4731, 20.1574, 27.6227



Tritanopia

19.7286, 20.0206, 24.6544

Trichromacy



Original Color

20.3234, 20.0802, 27.6157

Protanomaly

19.9356, 20.0531, 28.0192

Deuteranomaly

20.4731, 20.1574, 27.6227

Tritanomaly

19.9369, 20.1040, 25.7513

Monochromacy



Original Color

20.3234, 20.0802, 27.6157

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.8411, 20.4626, 24.0230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3234, 20.0802, 27.6157 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(127, 121, 140)` looks like.

```
.text, #text, p{  
    color:rgb(127, 121, 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(127, 121, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 121, 140) }
```

Border

The CSS property to change the border of an element to XYZ 20.3234, 20.0802, 27.6157 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(127, 121, 140) }
```


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

```
.border{ border-color:rgb(127, 121, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 121, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 121, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 121, 140);  
box-shadow:4px 4px 4px 4px rgb(127, 121,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3234, 20.0802, 27.6157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 121, 140) }
```

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

```
.background{ background-color: rgb(127,  
121, 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](#).

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