

Converting Colors

XYZ(20.1284, 19.7916, 27.9586)

Have a look what the booklet for
XYZ(20.1284, 19.7916, 27.9586)
contains.

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Color

**XYZ(20.1284, 19.7916,
27.9586)**

Conversions

Conversions Part 1

Format	Color
Hex	7E788D
RGB	126, 120, 141
RGB Percent	49%, 47%, 55%
CMY	0.5059, 0.5294, 0.4471
CMYK	0.11, 0.15, 0.00, 0.45
HSL	257°, 8%, 51%
HSV	257°, 15%, 55%
XYZ	20.1284, 19.7916, 27.9586
YIQ	124.1880, -3.1650, 7.8030

Conversions

Conversions Part 2

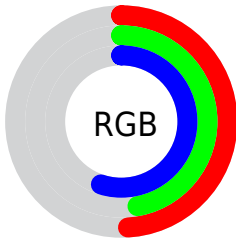
Format	Color
R_{YB}	126, 120, 141
Decimal	8288397
CIE Lab	51.60, 6.65, -10.57
CIE LCh	52, 12.484, 302.173
Yxy	19.7916, 0.2965, 0.2916
Android (android.graphics.Color)	4286478477 (0xFF7E788D)
YUV	124.1880, 8.2883, 1.5891
Hunter-Lab	44.4878, 2.9084, -6.1197

Details

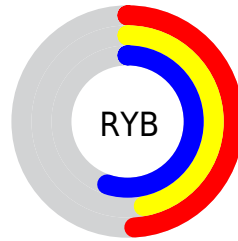
The XYZ color **20.1284, 19.7916, 27.9586** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.9073, 25.5572, 21.4958**, and the grayscale version is **19.1953, 20.1949, 21.9923**.

A 20% lighter version of the original color is **43.1933, 43.0289, 57.6586**, and **7.2663, 6.9678, 10.8595** is the 20% darker color. If you saturate the color by 10%, you get **17.1449, 15.9193, 27.3687**, and if you desaturate by 10%, it is **23.5124, 24.2421, 28.6396**.

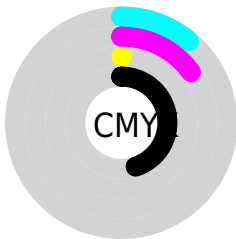
Distribution



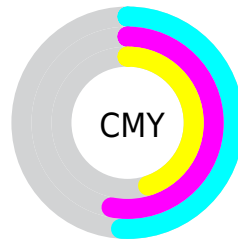
- Red (49%)
- Green (47%)
- Blue (55%)



- Red (49%)
- Yellow (47%)
- Blue (55%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1284, 19.7916, 27.9586 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 20.1284, 19.7916, 27.9586 by changing the saturation by 10% instead.

■ 20.1284, 19.7916,
27.9586

■ 20.1284, 19.7916,
27.9586

245.4297,
250.7847, 306.1747

■ 12.5972, 12.2436,
18.0557

■ 43.1347, 43.0675,
57.4406

■ 7.2269, 6.9098,
10.8201

■ 59.3404, 59.5643,
77.8569

■ 3.6520, 3.4058,
5.8334

■ 79.1685, 79.8127,
102.6146

■ 1.5072, 1.3471,
2.6769

102.9841,
104.1973, 132.1323

■ 0.3307, 0.1772,
0.9318

131.1527,
133.1024, 166.8287

■ 0.0000, 0.0000,
0.0000

164.0396,

166.9124, 207.1222

202.0101,
206.0117, 253.4314

■ 20.1284, 19.7916,
27.9586

■ 20.1284, 19.7916,
27.9586

■ 17.1449, 15.9193,
27.3687

■ 23.5124, 24.2421,
28.6396

■ 14.5448, 12.5987,
26.8648

■ 27.3094, 29.2909,
29.4140

■ 12.3125, 9.8049,
26.4432

■ 31.5339, 34.9602,
30.2856

■ 10.4303, 7.5101,
26.0995

■ 36.1987, 41.2703,
31.2577

■ 8.8794, 5.6839,
25.8287

■ 41.3165, 48.2405,
32.3334

7.6387, 4.2924,
25.6255

46.8992, 55.8895,
33.5155

6.6846, 3.2970,
25.4837

52.9582, 64.2349,
34.8070

5.9870, 2.6471,
25.3950

59.5048, 73.2940,
36.2106

5.6939, 2.3799,
25.3589

66.5497, 83.0833,
37.7288

Harmonies

Analogous

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



18.9031, 19.7916, 29.2365



20.1284, 19.7916, 27.9586



21.0317, 19.7916, 24.9465

Triad

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



20.1284, 19.7916, 27.9586



19.9627, 19.7916, 15.9875



16.4971, 19.7916, 21.8133

Complementary

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



20.1284, 19.7916, 27.9586



22.9073, 25.5572, 21.4958

Split Complementary

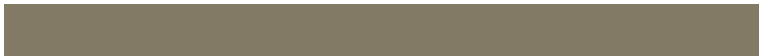
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.7530, 19.7916, 18.4761



20.1284, 19.7916, 27.9586



18.7198, 19.7916, 15.3442

Square

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



20.1284, 19.7916, 27.9586



20.9331, 19.7916, 18.0687



17.5530, 19.7916, 16.2036



16.8380, 19.7916, 25.4512

Rectangle

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



20.1284, 19.7916, 27.9586



21.3098, 19.7916, 22.5066



17.5530, 19.7916, 16.2036



16.5162, 19.7916, 20.6203

Sweetspot

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



20.1290, 19.7924, 27.9590



42.6269, 44.1020, 51.3937



21.2250, 23.2586, 28.5703



9.4223, 9.7199, 11.4590



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.



20.1290, 19.7924, 27.9590



34.1004, 32.9061, 49.6821



21.7514, 20.6288, 28.0350



5.2653, 5.3250, 6.7791



5.2058, 2.1773, 23.1230



0.0693, 0.0309, 0.2220

Inverse Universe

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



22.0747, 20.8457, 25.7825



38.3216, 35.1925, 44.8985



21.3075, 24.7325, 21.4210



5.5615, 5.4851, 6.4546



12.1520, 6.0178, 11.7178



0.1257, 0.0613, 0.1621

Previews

White Background



This preview shows how the XYZ color 20.1284, 19.7916, 27.9586 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 20.1284, 19.7916, 27.9586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

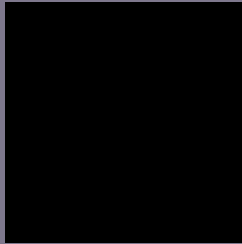
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.1284, 19.7916, 27.9586

Background



This preview shows how black text looks on a background with the XYZ color 20.1284, 19.7916, 27.9586.



This preview shows how white text looks on a background with the XYZ color 20.1284, 19.7916,

27.9586.

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

20.1284, 19.7916, 27.9586

Protanopia

19.4498, 19.7940, 28.3867

Deuteranopia

20.1284, 19.7916, 27.9586



Tritanopia

19.3684, 19.8428, 24.2820

Trichromacy



Original Color

20.1284, 19.7916, 27.9586

Protanomaly

19.7459, 19.7653, 28.3656

Deuteranomaly

20.1284, 19.7916, 27.9586

Tritanomaly

19.6680, 19.7840, 25.7037

Monochromacy



Original Color

20.1284, 19.7916, 27.9586

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.5697, 20.1376, 23.9746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1284, 19.7916, 27.9586 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(126, 120, 141)` looks like.

```
.text, #text, p{  
    color:rgb(126, 120, 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(126, 120, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 120, 141) }
```

Border

The CSS property to change the border of an element to XYZ 20.1284, 19.7916, 27.9586 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(126, 120, 141) }
```


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

```
.border{ border-color:rgb(126, 120, 141) }
```

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

Here you see how a box with a 4 pixel rgb(126, 120, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 120, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 120, 141);  
box-shadow:4px 4px 4px 4px rgb(126, 120,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1284, 19.7916, 27.9586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 120, 141) }
```

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

```
.background{ background-color: rgb(126,  
120, 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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