

Converting Colors

XYZ(20.1007, 21.9229, 26.2795)

Have a look what the booklet for
XYZ(20.1007, 21.9229, 26.2795)
contains.

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Color

**XYZ(20.1680, 21.9321,
26.4629)**

Conversions

Conversions Part 1

Format	Color
Hex	778388
RGB	119, 131, 136
RGB Percent	47%, 51%, 53%
CMY	0.5333, 0.4863, 0.4667
CMYK	0.12, 0.04, 0.00, 0.47
HSL	198°, 7%, 50%
HSV	198°, 12%, 53%
XYZ	20.1680, 21.9321, 26.4629
YIQ	127.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

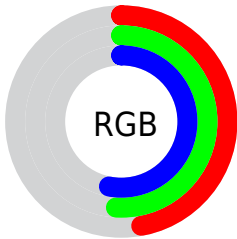
Format	Color
R_{YB}	119, 126, 136
Decimal	7832456
CIE _{Lab}	53.95, -3.30, -4.20
CIE _{LCh}	54, 5.344, 231.807
Yxy	21.9321, 0.2942, 0.3199
Android (android.graphics.Color)	4286022536 (0xFF778388)
YUV	127.9820, 3.9529, -7.8772
Hunter-Lab	46.8317, -5.0848, -0.7204

Details

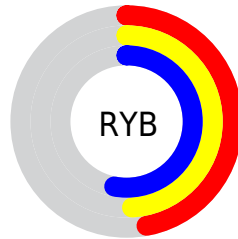
The XYZ color **20.1680, 21.9321, 26.4629** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.6909, 20.9814, 20.4125**, and the grayscale version is **20.5010, 21.5686, 23.4882**.

A 20% lighter version of the original color is **43.1204, 46.6130, 54.8686**, and **7.2228, 8.0086, 9.9692** is the 20% darker color. If you saturate the color by 10%, you get **17.9069, 19.9851, 26.2066**, and if you desaturate by 10%, it is **22.7183, 24.0601, 26.7396**.

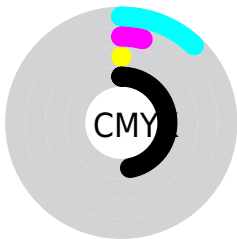
Distribution



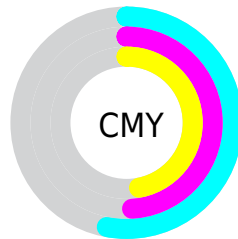
- Red (47%)
- Green (51%)
- Blue (53%)



- Red (47%)
- Yellow (49%)
- Blue (53%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1680, 21.9321, 26.4629 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 20.1680, 21.9321, 26.4629 by changing the saturation by 10% instead.

■ 20.1680, 21.9321,
26.4629

■ 20.1680, 21.9321,
26.4629

245.6394,
262.1915, 298.7245

■ 12.6262, 13.8070,
16.9414

■ 43.2005, 46.6337,
55.0140

■ 7.2469, 7.9866,
10.0312

■ 59.4218, 63.9791,
74.8807

■ 3.6647, 4.0864,
5.3138

■ 79.2671, 85.1667,
99.0328

■ 1.5142, 1.7220,
2.3706

103.1016,
110.5808, 127.8890

■ 0.3355, 0.4378,
0.7704

131.2908,
140.6060, 161.8677

■ 0.0000, 0.0000,
0.0000

164.1999,

175.6266, 201.3875

202.1943,
216.0269, 246.8669

■ 20.1680, 21.9321,
26.4629

■ 20.1680, 21.9321,
26.4629

■ 17.9069, 19.9851,
26.2066

■ 22.7183, 24.0601,
26.7396

■ 15.9215, 18.2100,
25.9686

■ 25.5666, 26.3723,
27.0358

■ 14.2001, 16.6012,
25.7488

■ 28.7239, 28.8753,
27.3525

■ 12.7294, 15.1513,
25.5465

■ 32.1999, 31.5743,
27.6902

■ 11.4948, 13.8525,
25.3608

■ 36.0039, 34.4745,
28.0495

■ 10.4803, 12.6961,
25.1911

■ 40.1450, 37.5809,
28.4309

■ 9.6675, 11.6724,
25.0364

■ 44.6315, 40.8981,
28.8347

■ 9.0349, 10.7698,
24.8955

■ 49.4719, 44.4307,
29.2614

■ 8.6282, 10.1461,
24.7965

■ 54.6740, 48.1831,
29.7115

Harmonies

Analogous

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



19.8336, 21.9321, 25.0790



20.1680, 21.9321, 26.4629



20.6883, 21.9321, 27.1619

Triad

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



20.1680, 21.9321, 26.4629



21.9622, 21.9321, 24.3355



20.4368, 21.9321, 21.0529

Complementary

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



20.1680, 21.9321, 26.4629



20.6909, 20.9814, 20.4125

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.



21.0041, 21.9321, 20.8743



20.1680, 21.9321, 26.4629



21.8918, 21.9321, 22.7205

Square

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



20.1680, 21.9321, 26.4629



21.7291, 21.9321, 25.8972



21.5386, 21.9321, 21.4715



19.9868, 21.9321, 21.9710

Rectangle

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



20.1680, 21.9321, 26.4629



21.0734, 21.9321, 27.1240



21.5386, 21.9321, 21.4715



20.6198, 21.9321, 20.9061

Sweetspot

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



20.1686, 21.9330, 26.4634



39.2879, 41.7839, 47.0428



20.0388, 22.9813, 22.3882



9.0254, 9.6161, 10.8867



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.1686, 21.9330, 26.4634



34.3657, 37.6503, 46.5043



19.0959, 19.7875, 26.1058



5.0507, 5.4444, 6.3905



8.1745, 9.6193, 23.4716



0.0670, 0.0893, 0.1602

Inverse Universe

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



20.8474, 20.0671, 24.2483



35.8147, 33.7303, 41.7618



21.7778, 23.1551, 20.7748



5.1722, 5.1043, 5.9954



11.6129, 5.7553, 10.9979



0.0836, 0.0408, 0.1069

Previews

White Background



This preview shows how the XYZ color 20.1680, 21.9321, 26.4629 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 20.1680, 21.9321, 26.4629 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

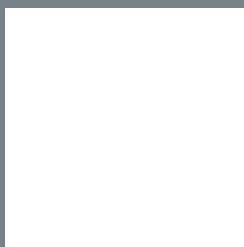
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1680, 21.9321, 26.4629

Background



This preview shows how black text looks on a background with the XYZ color 20.1680, 21.9321, 26.4629.



This preview shows how white text looks on a background with the XYZ color 20.1680, 21.9321,

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

20.1680, 21.9321, 26.4629

Protanopia

21.0755, 21.8267, 25.6564

Deuteranopia

22.1655, 21.7917, 26.7049



Tritanopia

20.5361, 21.8814, 28.3405

Trichromacy



Original Color

20.1680, 21.9321, 26.4629

Protanomaly

20.6809, 21.8098, 26.0414

Deuteranomaly

21.3106, 21.7307, 26.7382

Tritanomaly

20.3886, 21.8224, 27.5637

Monochromacy



Original Color

20.1680, 21.9321, 26.4629

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.4044, 21.6992, 24.5857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1680, 21.9321, 26.4629 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(119, 131, 136)` looks like.

```
.text, #text, p{  
    color:rgb(119, 131, 136)  
}
```

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(119, 131, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 131, 136) }
```

Border

The CSS property to change the border of an element to XYZ 20.1680, 21.9321, 26.4629 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(119, 131, 136) }
```


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

```
.border{ border-color:rgb(119, 131, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 131, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 131, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 131, 136);  
box-shadow:4px 4px 4px 4px rgb(119, 131,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1680, 21.9321, 26.4629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 131, 136) }
```

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

```
.background{ background-color: rgb(119,  
131, 136) }
```

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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