

Converting Colors

XYZ(20.0738, 20.3406, 26.8621)

Have a look what the booklet for
XYZ(20.0738, 20.3406, 26.8621)
contains.

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Color

**XYZ(20.1279, 20.3609,
26.9139)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7B8A
RGB	125, 123, 138
RGB Percent	49%, 48%, 54%
CMY	0.5098, 0.5176, 0.4588
CMYK	0.09, 0.11, 0.00, 0.46
HSL	248°, 6%, 51%
HSV	248°, 11%, 54%
XYZ	20.1279, 20.3609, 26.9139
YIQ	125.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

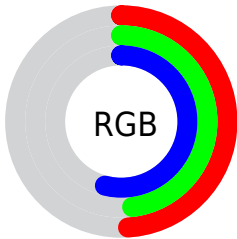
Format	Color
RYB	125, 123, 138
Decimal	8223626
CIELab	52.24, 3.88, -7.86
CIELCh	52, 8.762, 296.268
Yxy	20.3609, 0.2986, 0.3021
Android (android.graphics.Color)	4286413706 (0xFF7D7B8A)
YUV	125.3080, 6.2572, -0.2701
Hunter-Lab	45.1231, 0.6576, -3.7777

Details

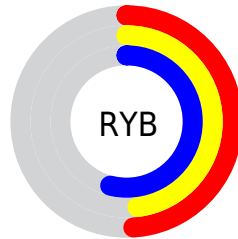
The XYZ color **20.1279, 20.3609, 26.9139** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.8176, 24.8417, 22.3322**, and the grayscale version is **19.5778, 20.5973, 22.4305**.

A 20% lighter version of the original color is **43.0940, 43.8865, 55.4899**, and **7.1907, 7.1386, 10.2314** is the 20% darker color. If you saturate the color by 10%, you get **16.8931, 16.3290, 26.3065**, and if you desaturate by 10%, it is **23.8156, 24.9856, 27.6125**.

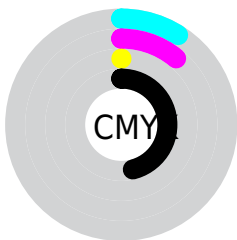
Distribution



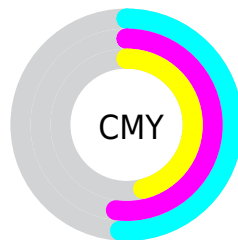
- Red (49%)
- Green (48%)
- Blue (54%)



- Red (49%)
- Yellow (48%)
- Blue (54%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (46%)



- Cyan (51%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1279, 20.3609, 26.9139 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 20.1279, 20.3609, 26.9139 by changing the saturation by 10% instead.

■ 20.1279, 20.3609,
26.9139

■ 20.1279, 20.3609,
26.9139

245.4271,
253.8622, 300.9870

■ 12.5969, 12.6577,
17.2767

■ 43.1338, 44.0214,
55.7477

■ 7.2266, 7.1932,
10.2679

■ 59.3394, 60.7475,
75.7814

■ 3.6518, 3.5832,
5.4690

■ 79.1672, 81.2500,
100.1177

■ 1.5071, 1.4433,
2.4615

102.9826,
105.9133, 129.1752

■ 0.3307, 0.2483,
0.8196

131.1509,
135.1217, 163.3723

■ 0.0000, 0.0000,
0.0000

164.0375,

169.2598, 203.1276

202.0078,
208.7118, 248.8596

■ 20.1279, 20.3609,
26.9139

■ 20.1279, 20.3609,
26.9139

■ 16.8931, 16.3290,
26.3065

■ 23.8156, 24.9856,
27.6125

■ 14.0918, 12.8635,
25.7852

■ 27.9709, 30.2231,
28.4044

■ 11.7061, 9.9396,
25.3466

■ 32.6100, 36.0956,
29.2934

■ 9.7160, 7.5297,
24.9863

■ 37.7479, 42.6235,
30.2826

■ 8.0998, 5.6041,
24.6998

■ 43.3990, 49.8261,
31.3750

■ 6.8337, 4.1295,
24.4819

■ 49.5768, 57.7221,
32.5735

■ 5.8913, 3.0688,
24.3269

■ 56.2948, 66.3294,
33.8808

■ 5.2420, 2.3786,
24.2279

■ 63.5654, 75.6652,
35.2996

■ 4.8443, 1.9674,
24.1694

■ 71.4012, 85.7462,
36.8325

Harmonies

Analogous

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



19.2401, 20.3609, 27.4880



20.1279, 20.3609, 26.9139



20.8265, 20.3609, 25.0351

Triad

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



20.1279, 20.3609, 26.9139



20.3287, 20.3609, 18.3006



17.6776, 20.3609, 21.8488

Complementary

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



20.1279, 20.3609, 26.9139



22.8176, 24.8417, 22.3322

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.



17.9496, 20.3609, 19.5315



20.1279, 20.3609, 26.9139



19.4652, 20.3609, 17.5856

Square

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



20.1279, 20.3609, 26.9139



20.9449, 20.3609, 20.0491



18.5971, 20.3609, 18.0183



17.8427, 20.3609, 24.4345

Rectangle

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



20.1279, 20.3609, 26.9139



21.0814, 20.3609, 23.3661



18.5971, 20.3609, 18.0183



17.7207, 20.3609, 21.0146

Sweetspot

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



20.1285, 20.3618, 26.9143



40.4816, 42.1597, 48.3872



21.5959, 23.7253, 27.4862



8.9681, 9.3159, 10.8318



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.



20.1285, 20.3618, 26.9143



34.0335, 34.0839, 47.1683



21.2259, 20.9275, 26.9657



4.8326, 4.9221, 6.3012



4.4494, 1.8079, 22.1601



0.0364, 0.0156, 0.1475

Inverse Universe

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



22.0088, 21.3476, 26.2539



38.0235, 36.1764, 45.7464



21.6796, 24.2550, 22.2789



5.2057, 5.1177, 6.1715



12.7003, 6.1902, 16.7241



0.0881, 0.0426, 0.1305

Previews

White Background



This preview shows how the XYZ color 20.1279, 20.3609, 26.9139 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 20.1279, 20.3609, 26.9139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

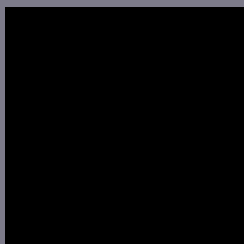
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

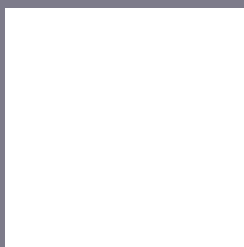
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1279, 20.3609, 26.9139

Background



This preview shows how black text looks on a background with the XYZ color 20.1279, 20.3609, 26.9139.



This preview shows how white text looks on a background with the XYZ color 20.1279, 20.3609,

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

20.1279, 20.3609, 26.9139

Protanopia

19.9635, 20.4612, 26.9420

Deuteranopia

20.6307, 20.2555, 26.8671



Tritanopia

19.8229, 20.4216, 25.4512

Trichromacy



Original Color

20.1279, 20.3609, 26.9139

Protanomaly

20.1073, 20.5354, 26.9487

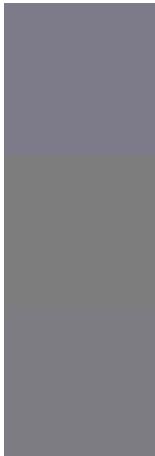
Deuteranomaly

20.4491, 20.3432, 26.8936

Tritanomaly

19.8930, 20.4497, 25.8204

Monochromacy



Original Color

20.1279, 20.3609, 26.9139

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.6944, 20.3870, 24.0162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1279, 20.3609, 26.9139 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(125, 123, 138)` looks like.

```
.text, #text, p{  
    color:rgb(125, 123, 138)  
}
```

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(125, 123, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 123, 138) }
```

Border

The CSS property to change the border of an element to XYZ 20.1279, 20.3609, 26.9139 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(125, 123, 138) }
```


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

```
.border{ border-color:rgb(125, 123, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 123, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 123, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 123, 138);  
box-shadow:4px 4px 4px 4px rgb(125, 123,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1279, 20.3609, 26.9139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 123, 138) }
```

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

```
.background{ background-color: rgb(125,  
123, 138) }
```

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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