

Converting Colors

XYZ(20.4817, 21.6265, 26.0171)

Have a look what the booklet for
XYZ(20.4817, 21.6265, 26.0171)
contains.

XYZ(20.5356, 21.7349, 26.0346)	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(20.5356, 21.7349,
26.0346)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8187
RGB	124, 129, 135
RGB Percent	49%, 51%, 53%
CMY	0.5137, 0.4941, 0.4706
CMYK	0.08, 0.04, 0.00, 0.47
HSL	213°, 4%, 51%
HSV	213°, 8%, 53%
XYZ	20.5356, 21.7349, 26.0346
YIQ	128.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

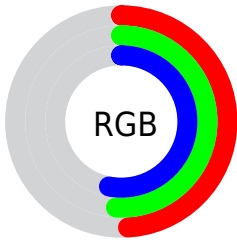
Format	Color
RYB	124, 127, 135
Decimal	8159623
CIELab	53.74, -0.60, -3.89
CIELCh	54, 3.931, 261.269
Yxy	21.7349, 0.3006, 0.3182
Android (android.graphics.Color)	4286349703 (0xFF7C8187)
YUV	128.1890, 3.3578, -3.6738
Hunter-Lab	46.6207, -2.9601, -0.4751

Details

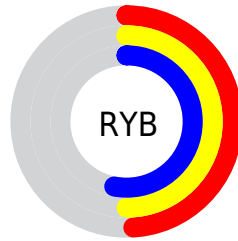
The XYZ color **20.5356, 21.7349, 26.0346** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.6124, 22.5711, 22.2866**, and the grayscale version is **20.5739, 21.6453, 23.5717**.

A 20% lighter version of the original color is **43.9365, 46.4338, 54.2239**, and **7.4100, 7.8891, 9.7265** is the 20% darker color. If you saturate the color by 10%, you get **17.7818, 18.9279, 25.6383**, and if you desaturate by 10%, it is **23.6276, 24.8211, 26.4677**.

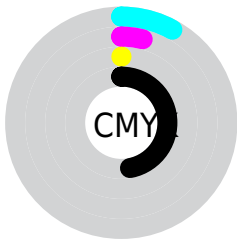
Distribution



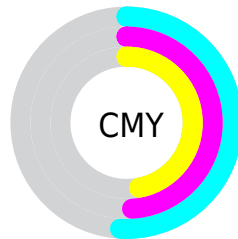
- Red (49%)
- Green (51%)
- Blue (53%)



- Red (49%)
- Yellow (50%)
- Blue (53%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5356, 21.7349, 26.0346 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 20.5356, 21.7349, 26.0346 by changing the saturation by 10% instead.

■ 20.5356, 21.7349,
26.0346

■ 20.5356, 21.7349,
26.0346

247.5787,
261.1587, 296.5628

■ 12.8955, 13.6622,
16.6235

■ 43.8105, 46.3075,
54.3155

■ 7.4331, 7.8861,
9.8073

■ 60.1760, 63.5761,
74.0225

■ 3.7831, 4.0222,
5.1675

■ 80.1806, 84.6789,
97.9984

■ 1.5802, 1.6860,
2.2854

104.1898,
110.0003, 126.6620

■ 0.3795, 0.4145,
0.7230

132.5688,
139.9245, 160.4317

■ 0.0000, 0.0000,
0.0000

165.6831,

174.8361, 199.7260

203.8979,
215.1193, 244.9635

■ 20.5356, 21.7349,
26.0346

■ 20.5356, 21.7349,
26.0346

■ 17.7818, 18.9279,
25.6383

■ 23.6276, 24.8211,
26.4677

■ 15.3522, 16.3890,
25.2763

■ 27.0676, 28.1920,
26.9370

■ 13.2343, 14.1100,
24.9480

■ 30.8671, 31.8560,
27.4440

■ 11.4141, 12.0816,
24.6524

■ 35.0368, 35.8207,
27.9895

■ 9.8767, 10.2934,
24.3883

■ 39.5866, 40.0932,
28.5743

■ 8.6053, 8.7345,
24.1544

■ 44.5263, 44.6803,
29.1994

■ 7.5816, 7.3927,
23.9494

■ 49.8651, 49.5886,
29.8654

■ 6.7844, 6.2544,
23.7717

■ 55.6121, 54.8247,
30.5732

■ 6.1686, 5.2935,
23.6186

■ 61.7760, 60.3947,
31.3234

Harmonies

Analogous

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



20.1555, 21.7349, 25.5227



20.5356, 21.7349, 26.0346



20.9537, 21.7349, 25.8950

Triad

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



20.5356, 21.7349, 26.0346



21.4228, 21.7349, 22.8336



20.0326, 21.7349, 22.2430

Complementary

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



20.5356, 21.7349, 26.0346



21.6124, 22.5711, 22.2866

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.



20.3658, 21.7349, 21.5680



20.5356, 21.7349, 26.0346



21.1696, 21.7349, 21.9008

Square

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



20.5356, 21.7349, 26.0346



21.4698, 21.7349, 24.0197



20.7816, 21.7349, 21.4449



19.8677, 21.7349, 23.3151

Rectangle

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



20.5356, 21.7349, 26.0346



21.1975, 21.7349, 25.4533



20.7816, 21.7349, 21.4449



20.1284, 21.7349, 21.9636

Sweetspot

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



20.5362, 21.7358, 26.0351



40.0816, 42.2363, 47.0883



20.9968, 23.2215, 24.4481



9.3002, 9.7991, 10.9076



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.



20.5362, 21.7358, 26.0351



35.7031, 37.8400, 46.4705



19.9464, 20.4773, 25.8233



4.5960, 4.8675, 5.8980



5.6039, 4.7555, 21.7592



0.0266, 0.0308, 0.0778

Inverse Universe

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



21.1623, 21.1516, 23.7373



37.0964, 36.5656, 41.3508



22.2352, 23.9041, 22.5111



4.7541, 4.7213, 5.3173



10.0067, 5.0670, 4.6076



0.0383, 0.0190, 0.0349

Previews

White Background



This preview shows how the XYZ color 20.5356, 21.7349, 26.0346 looks on a white background.

Color Contrast Check

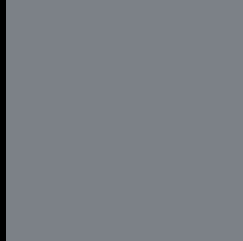
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5356, 21.7349, 26.0346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

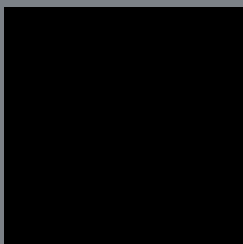
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

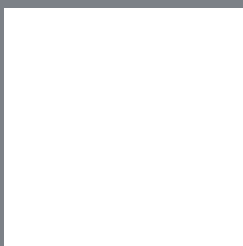
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5356, 21.7349, 26.0346

Background



This preview shows how black text looks on a background with the XYZ color 20.5356, 21.7349, 26.0346.



This preview shows how white text looks on a background with the XYZ color 20.5356, 21.7349,

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

20.5356, 21.7349, 26.0346

Protanopia

21.0755, 21.8267, 25.6564

Deuteranopia

22.0941, 21.7632, 26.3288



Tritanopia

20.8368, 21.6624, 27.5091

Trichromacy



Original Color

20.5356, 21.7349, 26.0346

Protanomaly

20.7746, 21.6716, 25.6424

Deuteranomaly

21.4205, 21.6048, 26.3337

Tritanomaly

20.7641, 21.6333, 27.1260

Monochromacy



Original Color

20.5356, 21.7349, 26.0346

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.5683, 21.5891, 24.5558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5356, 21.7349, 26.0346 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(124, 129, 135)` looks like.

```
.text, #text, p{  
    color:rgb(124, 129, 135)  
}
```

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(124, 129, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 129, 135) }
```

Border

The CSS property to change the border of an element to XYZ 20.5356, 21.7349, 26.0346 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(124, 129, 135) }
```


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

```
.border{ border-color:rgb(124, 129, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 129, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 129, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 129, 135);  
box-shadow:4px 4px 4px 4px rgb(124, 129,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5356, 21.7349, 26.0346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 129, 135) }
```

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

```
.background{ background-color: rgb(124,  
129, 135) }
```

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