

Converting Colors

XYZ(19.4118, 21.3820, 26.4352)

Have a look what the booklet for
XYZ(19.4118, 21.3820, 26.4352)
contains.

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Color

**XYZ(19.3660, 21.3202,
26.3871)**

Conversions

Conversions Part 1

Format	Color
Hex	728288
RGB	114, 130, 136
RGB Percent	45%, 51%, 53%
CMY	0.5529, 0.4902, 0.4667
CMYK	0.16, 0.04, 0.00, 0.47
HSL	196°, 9%, 49%
HSV	196°, 16%, 53%
XYZ	19.3660, 21.3202, 26.3871
YIQ	125.9000, -11.4620, -1.5260

Conversions

Conversions Part 2

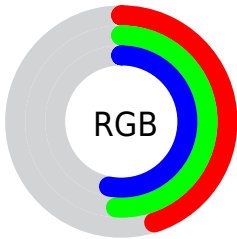
Format	Color
R _Y B	114, 123, 136
Decimal	7504520
CIE Lab	53.30, -4.48, -5.21
CIE LCh	53, 6.874, 229.323
Yxy	21.3202, 0.2887, 0.3179
Android (android.graphics.Color)	4285694600 (0xFF728288)
YUV	125.9000, 4.9793, -10.4363
Hunter-Lab	46.1738, -5.9385, -1.5610

Details

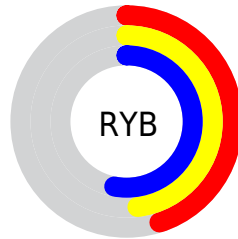
The XYZ color **19.3660, 21.3202, 26.3871** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.9073, 19.8822, 18.7085**, and the grayscale version is **19.7841, 20.8144, 22.6669**.

A 20% lighter version of the original color is **41.8447, 45.6481, 54.7496**, and **6.8689, 7.7150, 9.9312** is the 20% darker color. If you saturate the color by 10%, you get **17.2426, 19.5070, 26.1494**, and if you desaturate by 10%, it is **21.7715, 23.3063, 26.6440**.

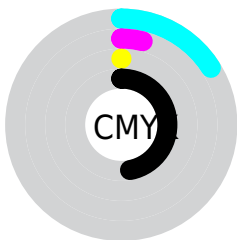
Distribution



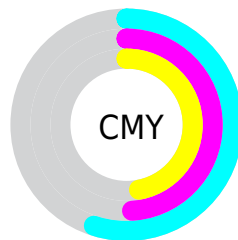
- Red (45%)
- Green (51%)
- Blue (53%)



- Red (45%)
- Yellow (48%)
- Blue (53%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (55%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3660, 21.3202, 26.3871 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 19.3660, 21.3202, 26.3871 by changing the saturation by 10% instead.

■ 19.3660, 21.3202,
26.3871

■ 19.3660, 21.3202,
26.3871

241.3614,
258.9753, 298.3429

■ 12.0406, 13.3583,
16.8851

■ 41.8638, 45.6198,
54.8905

■ 6.8437, 7.6757,
9.9915

■ 57.7668, 62.7263,
74.7290

■ 3.4100, 3.8881,
5.2878

■ 77.2598, 83.6498,
98.8501

■ 1.3741, 1.6112,
2.3554

■ 100.7081,
108.7746, 127.6722

■ 0.2377, 0.3651,
0.7620

128.4771,
138.4851, 161.6141

■ 0.0000, 0.0000,
0.0000

160.9321,

173.1658, 201.0941

198.4384,
213.2011, 246.5309

■ 19.3660, 21.3202,
26.3871

■ 19.3660, 21.3202,
26.3871

■ 17.2426, 19.5070,
26.1494

■ 21.7715, 23.3063,
26.6440

■ 15.3877, 17.8578,
25.9288

■ 24.4682, 25.4687,
26.9193

■ 13.7893, 16.3666,
25.7252

■ 27.4672, 27.8139,
27.2139

■ 12.4336, 15.0261,
25.5379

■ 30.7785, 30.3472,
27.5283

■ 11.3057, 13.8284,
25.3662

■ 34.4113, 33.0737,
27.8631

■ 10.3888, 12.7643,
25.2091

■ 38.3748, 35.9984,
28.2187

■ 9.6636, 11.8238,
25.0658

■ 42.6775, 39.1260,
28.5956

■ 9.0987, 10.9903,
24.9347

■ 47.3280, 42.4610,
28.9943

■ 8.8982, 10.6859,
24.8865

■ 52.3340, 46.0077,
29.4150

Harmonies

Analogous

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



18.9725, 21.3202, 24.5652



19.3660, 21.3202, 26.3871



20.0061, 21.3202, 27.3780

Triad

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



19.3660, 21.3202, 26.3871



21.6703, 21.3202, 23.9643



19.8048, 21.3202, 19.6348

Complementary

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



19.3660, 21.3202, 26.3871



19.9073, 19.8822, 18.7085

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.



20.5245, 21.3202, 19.4953



19.3660, 21.3202, 26.3871



21.6132, 21.3202, 21.9134

Square

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



19.3660, 21.3202, 26.3871



21.3438, 21.3202, 25.9246



21.1898, 21.3202, 20.3062



19.2217, 21.3202, 20.6994

Rectangle

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



19.3660, 21.3202, 26.3871



20.4917, 21.3202, 27.3963



21.1898, 21.3202, 20.3062



20.0384, 21.3202, 19.4807

Sweetspot

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



19.3666, 21.3211, 26.3876



38.8496, 41.4637, 47.0041



19.1261, 22.5390, 21.0698



8.9330, 9.5505, 10.8789



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.



19.3666, 21.3211, 26.3876



32.8647, 36.5064, 46.3626



17.9965, 18.5809, 25.9309



5.0595, 5.4619, 6.3934



8.4297, 10.1296, 23.5566



0.0682, 0.0917, 0.1606

Inverse Universe

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



20.2004, 18.8811, 23.6998



34.6035, 31.5092, 40.7373



21.2894, 22.6464, 19.1692



5.1766, 5.1061, 6.0186



11.7417, 5.8068, 11.6761



0.0842, 0.0410, 0.1100

Previews

White Background



This preview shows how the XYZ color 19.3660, 21.3202, 26.3871 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 19.3660, 21.3202, 26.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

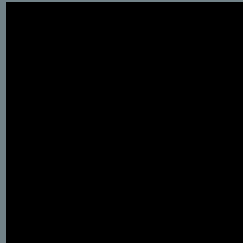
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

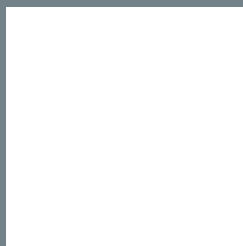
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.3660, 21.3202, 26.3871

Background



This preview shows how black text looks on a background with the XYZ color 19.3660, 21.3202, 26.3871.



This preview shows how white text looks on a background with the XYZ color 19.3660, 21.3202,

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

19.3660, 21.3202, 26.3871

Protanopia

20.5163, 21.1550, 25.5562

Deuteranopia

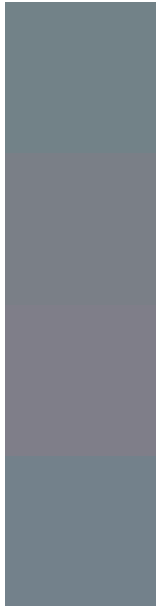
21.5900, 21.1230, 26.6061



Tritanopia

19.6541, 21.2388, 27.8746

Trichromacy



Original Color

19.3660, 21.3202, 26.3871

Protanomaly

19.9886, 21.0656, 25.9342

Deuteranomaly

20.7286, 21.2399, 26.6741

Tritanomaly

19.5807, 21.2094, 27.4879

Monochromacy



Original Color

19.3660, 21.3202, 26.3871

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.6447, 20.9280, 24.1232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3660, 21.3202, 26.3871 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(114, 130, 136)` looks like.

```
.text, #text, p{  
    color:rgb(114, 130, 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(114, 130, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 130, 136) }
```

Border

The CSS property to change the border of an element to XYZ 19.3660, 21.3202, 26.3871 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(114, 130, 136) }
```


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

```
.border{ border-color:rgb(114, 130, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 130, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 130, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 130, 136);  
box-shadow:4px 4px 4px 4px rgb(114, 130,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3660, 21.3202, 26.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 130, 136) }
```

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

```
.background{ background-color: rgb(114,  
130, 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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