

Converting Colors

XYZ(19.5967, 19.8575, 26.8130)

Have a look what the booklet for
XYZ(19.5967, 19.8575, 26.8130)
contains.

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Color

**XYZ(19.5730, 19.8916,
26.8526)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7A8A
RGB	122, 122, 138
RGB Percent	48%, 48%, 54%
CMY	0.5216, 0.5216, 0.4588
CMYK	0.12, 0.12, 0.00, 0.46
HSL	240°, 6%, 51%
HSV	240°, 12%, 54%
XYZ	19.5730, 19.8916, 26.8526
YIQ	123.8240, -5.1360, 4.9760

Conversions

Conversions Part 2

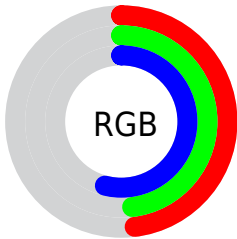
Format	Color
R_{YB}	122, 122, 138
Decimal	8026762
CIE Lab	51.71, 3.39, -8.67
CIE LCh	52, 9.312, 291.355
Yxy	19.8916, 0.2951, 0.2999
Android (android.graphics.Color)	4286216842 (0xFF7A7A8A)
YUV	123.8240, 6.9888, -1.5996
Hunter-Lab	44.6000, 0.2859, -4.4771

Details

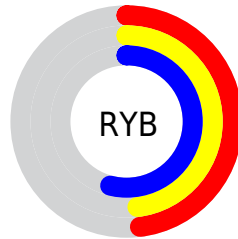
The XYZ color **19.5730, 19.8916, 26.8526** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.0826, 24.9852, 22.0188**, and the grayscale version is **19.0788, 20.0724, 21.8588**.

A 20% lighter version of the original color is **41.9956, 43.0324, 55.3829**, and **6.8916, 6.8861, 10.1984** is the 20% darker color. If you saturate the color by 10%, you get **16.1805, 15.8040, 26.2427**, and if you desaturate by 10%, it is **23.4848, 24.6051, 27.5565**.

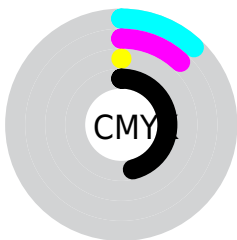
Distribution



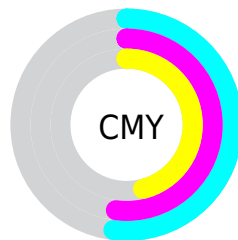
- Red (48%)
- Green (48%)
- Blue (54%)



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



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (46%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5730, 19.8916, 26.8526 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 19.5730, 19.8916, 26.8526 by changing the saturation by 10% instead.

■ 19.5730, 19.8916,
26.8526

■ 19.5730, 19.8916,
26.8526

242.4719,
251.3277, 300.6803

■ 12.1915, 12.3163,
17.2311

■ 42.2095, 43.2354,
55.6481

■ 6.9474, 6.9595,
10.2357

■ 58.1953, 59.7726,
75.6592

■ 3.4752, 3.4368,
5.4479

■ 77.7798, 80.0659,
99.9705

■ 1.4098, 1.3638,
2.4491

101.3285,
104.4997, 129.0007

■ 0.2632, 0.1898,
0.8130

129.2067,
133.4584, 163.1682

■ 0.0000, 0.0000,
0.0000

161.7798,

167.3264, 202.8916

199.4131,
206.4880, 248.5895

■ 19.5730, 19.8916,
26.8526

■ 19.5730, 19.8916,
26.8526

■ 16.1805, 15.8040,
26.2427

■ 23.4848, 24.6051,
27.5565

■ 13.2837, 12.3137,
25.7217

■ 27.9346, 29.9666,
28.3569

■ 10.8600, 9.3934,
25.2858

■ 32.9422, 36.0002,
29.2575

■ 8.8844, 7.0128,
24.9304

■ 38.5261, 42.7281,
30.2619

■ 7.3293, 5.1390,
24.6507

■ 44.7037, 50.1714,
31.3730

■ 6.1643, 3.7352,
24.4411

■ 51.4919, 58.3504,
32.5939

■ 5.3549, 2.7598,
24.2955

■ 58.9068, 67.2844,
33.9275

■ 4.8604, 2.1640,
24.2066

■ 66.9639, 76.9922,
35.3767

■ 4.5877, 1.8353,
24.1575

■ 75.6782, 87.4919,
36.9440

Harmonies

Analogous

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



18.6357, 19.8916, 27.1968



19.5730, 19.8916, 26.8526



20.3552, 19.8916, 25.0588

Triad

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



19.5730, 19.8916, 26.8526



20.0591, 19.8916, 17.8578



17.1732, 19.8916, 20.8889

Complementary

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



19.5730, 19.8916, 26.8526



23.0826, 24.9852, 22.0188

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.



17.5280, 19.8916, 18.5807



19.5730, 19.8916, 26.8526



19.1797, 19.8916, 16.9284

Square

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



19.5730, 19.8916, 26.8526



20.6423, 19.8916, 19.8257



18.2550, 19.8916, 17.1816



17.2706, 19.8916, 23.6011

Rectangle

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



19.5730, 19.8916, 26.8526



20.6733, 19.8916, 23.3580



18.2550, 19.8916, 17.1816



17.2431, 19.8916, 20.0436

Sweetspot

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



19.5736, 19.8924, 26.8530



40.3234, 42.0783, 48.3798



21.6830, 24.1421, 27.4610



8.9244, 9.2934, 10.8298



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.



19.5736, 19.8924, 26.8530



32.7949, 33.0072, 47.0257



20.7124, 20.4792, 26.9063



4.7747, 4.8923, 6.2985



4.2062, 1.6827, 22.1488



0.0279, 0.0112, 0.1471

Inverse Universe

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



20.9541, 20.7279, 21.3098



35.7421, 34.7909, 35.1910



21.8486, 24.3494, 21.9611



5.0329, 5.0486, 5.2617



9.6099, 4.9541, 0.4501



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 19.5730, 19.8916, 26.8526 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 19.5730, 19.8916, 26.8526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

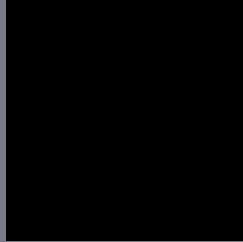
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

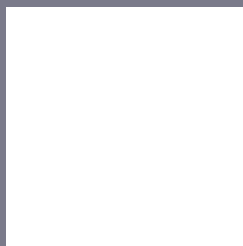
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5730, 19.8916, 26.8526

Background



This preview shows how black text looks on a background with the XYZ color 19.5730, 19.8916, 26.8526.



This preview shows how white text looks on a background with the XYZ color 19.5730, 19.8916,

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

19.5730, 19.8916, 26.8526

Protanopia

19.4321, 19.8190, 26.8460

Deuteranopia

20.2060, 19.8571, 26.8126



Tritanopia

19.2018, 19.9243, 25.0240

Trichromacy



Original Color

19.5730, 19.8916, 26.8526

Protanomaly

19.4321, 19.8190, 26.8460

Deuteranomaly

20.0290, 19.9453, 26.8389

Tritanomaly

19.3413, 19.9801, 25.7588

Monochromacy



Original Color

19.5730, 19.8916, 26.8526

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.2138, 19.9619, 23.6092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5730, 19.8916, 26.8526 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(122, 122, 138)` looks like.

```
.text, #text, p{  
    color:rgb(122, 122, 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(122, 122, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 122, 138) }
```

Border

The CSS property to change the border of an element to XYZ 19.5730, 19.8916, 26.8526 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(122, 122, 138) }
```


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

```
.border{ border-color:rgb(122, 122, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 122, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 122, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 122, 138);  
box-shadow:4px 4px 4px 4px rgb(122, 122,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5730, 19.8916, 26.8526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 122, 138) }
```

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

```
.background{ background-color: rgb(122,  
122, 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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