

Converting Colors

XYZ(19.1737, 20.6665, 26.6604)

Have a look what the booklet for
XYZ(19.1737, 20.6665, 26.6604)
contains.

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Color

**XYZ(19.1750, 20.6297,
26.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	737F89
RGB	115, 127, 137
RGB Percent	45%, 50%, 54%
CMY	0.5490, 0.5020, 0.4627
CMYK	0.16, 0.07, 0.00, 0.46
HSL	207°, 9%, 49%
HSV	207°, 16%, 54%
XYZ	19.1750, 20.6297, 26.6382
YIQ	124.5520, -10.3620, 0.5660

Conversions

Conversions Part 2

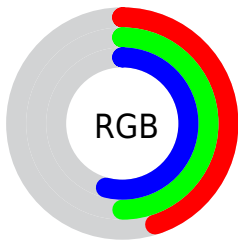
Format	Color
R_{YB}	115, 123, 137
Decimal	7569289
CIE _{Lab}	52.54, -2.19, -6.91
CIE _{LCh}	53, 7.250, 252.414
Yxy	20.6297, 0.2886, 0.3105
Android (android.graphics.Color)	4285759369 (0xFF737F89)
YUV	124.5520, 6.1369, -8.3771
Hunter-Lab	45.4199, -4.1273, -2.9789

Details

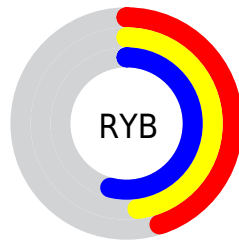
The XYZ color **19.1750, 20.6297, 26.6382** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.7449, 21.2236, 19.2234**, and the grayscale version is **19.3256, 20.3321, 22.1416**.

A 20% lighter version of the original color is **41.5519, 44.5757, 55.1292**, and **6.7594, 7.3302, 10.0754** is the 20% darker color. If you saturate the color by 10%, you get **16.7263, 18.2107, 26.3007**, and if you desaturate by 10%, it is **21.9424, 23.2879, 27.0057**.

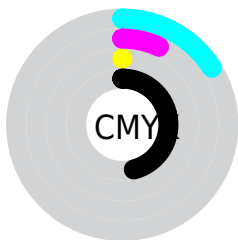
Distribution



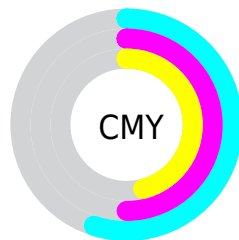
- Red (45%)
- Green (50%)
- Blue (54%)



- Red (45%)
- Yellow (48%)
- Blue (54%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (46%)



- Cyan (55%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1750, 20.6297, 26.6382 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 19.1750, 20.6297, 26.6382 by changing the saturation by 10% instead.

■ 19.1750, 20.6297,
26.6382

■ 19.1750, 20.6297,
26.6382

240.3328,
255.3040, 299.6056

■ 11.9016, 12.8536,
17.0717

■ 41.5442, 44.4704,
55.2994

■ 6.7484, 7.3278,
10.1231

■ 57.3706, 61.3039,
75.2312

■ 3.3502, 3.6679,
5.3740

■ 76.7788, 81.9252,
99.4550

■ 1.3415, 1.4896,
2.4058

100.1340,
106.7188, 128.3896

■ 0.2140, 0.2814,
0.7896

127.8017,
136.0691, 162.4534

■ 0.0000, 0.0000,
0.0000

160.1471,

170.3604, 202.0650

197.5357,
209.9773, 247.6429

■ 19.1750, 20.6297,
26.6382

■ 19.1750, 20.6297,
26.6382

■ 16.7263, 18.2107,
26.3007

■ 21.9424, 23.2879,
27.0057

■ 14.5818, 16.0205,
25.9909

■ 25.0386, 26.1901,
27.4027

■ 12.7286, 14.0515,
25.7086

■ 28.4755, 29.3442,
27.8304

■ 11.1520, 12.2948,
25.4526

■ 32.2637, 32.7570,
28.2895

■ 9.8359, 10.7408,
25.2220

■ 36.4135, 36.4350,
28.7807

■ 8.7624, 9.3786,
25.0156

■ 40.9347, 40.3844,
29.3047

■ 7.9112, 8.1962,
24.8323

■ 45.8367, 44.6112,
29.8622

■ 7.2503, 7.1755,
24.6701

■ 51.1286, 49.1211,
30.4538

■ 7.0136, 6.8025,
24.6106

■ 56.8190, 53.9198,
31.0801

Harmonies

Analogous

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



18.5614, 20.6297, 25.3677



19.1750, 20.6297, 26.6382



19.9199, 20.6297, 26.7465

Triad

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



19.1750, 20.6297, 26.6382



21.0518, 20.6297, 21.5851



18.6503, 20.6297, 19.5462

Complementary

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



19.1750, 20.6297, 26.6382



20.7449, 21.2236, 19.2234

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.



19.2992, 20.6297, 18.6618



19.1750, 20.6297, 26.6382



20.6931, 20.6297, 19.7876

Square

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



19.1750, 20.6297, 26.6382



21.0164, 20.6297, 23.7346



20.0473, 20.6297, 18.7472



18.2638, 20.6297, 21.2362

Rectangle

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



19.1750, 20.6297, 26.6382



20.3919, 20.6297, 26.1362



20.0473, 20.6297, 18.7472



18.8443, 20.6297, 19.1498

Sweetspot

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



19.1756, 20.6306, 26.6387



39.7939, 42.1771, 48.4268



19.7116, 23.0147, 22.7724



8.8538, 9.3921, 10.8525



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.



19.1756, 20.6306, 26.6387



32.8027, 35.4415, 47.4952



17.8430, 17.9654, 26.1945



4.9859, 5.3147, 6.3689



6.5451, 6.3606, 22.9284



0.0581, 0.0716, 0.1572

Inverse Universe

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



20.2786, 19.1127, 22.6999



35.1557, 32.2959, 39.0716



22.2015, 24.1367, 19.7089



5.1395, 5.0912, 5.8230



10.7905, 5.4263, 6.6670



0.0791, 0.0390, 0.0833

Previews

White Background



This preview shows how the XYZ color 19.1750, 20.6297, 26.6382 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 19.1750, 20.6297, 26.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

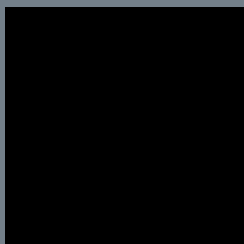
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

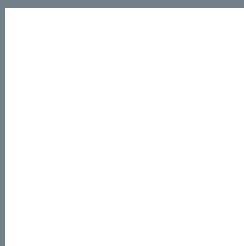
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1750, 20.6297, 26.6382

Background



This preview shows how black text looks on a background with the XYZ color 19.1750, 20.6297, 26.6382.



This preview shows how white text looks on a background with the XYZ color 19.1750, 20.6297,

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

19.1750, 20.6297, 26.6382

Protanopia

19.8930, 20.4497, 25.8204

Deuteranopia

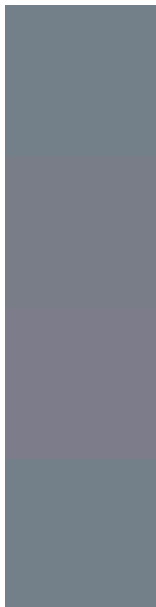
20.9071, 20.5793, 26.9150



Tritanopia

19.1750, 20.6297, 26.6382

Trichromacy



Original Color

19.1750, 20.6297, 26.6382

Protanomaly

19.6627, 20.5098, 26.2150

Deuteranomaly

20.2525, 20.6103, 26.9555

Tritanomaly

19.1750, 20.6297, 26.6382

Monochromacy



Original Color

19.1750, 20.6297, 26.6382

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.3085, 20.5716, 23.7219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1750, 20.6297, 26.6382 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(115, 127, 137)` looks like.

```
.text, #text, p{  
    color:rgb(115, 127, 137)  
}
```

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(115, 127, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 127, 137) }
```

Border

The CSS property to change the border of an element to XYZ 19.1750, 20.6297, 26.6382 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(115, 127, 137) }
```


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

```
.border{ border-color:rgb(115, 127, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 127, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 127, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 127, 137);  
box-shadow:4px 4px 4px 4px rgb(115, 127,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1750, 20.6297, 26.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 127, 137) }
```

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

```
.background{ background-color: rgb(115,  
127, 137) }
```

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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