

Converting Colors

XYZ(18.9914, 20.7068, 36.7534)

Have a look what the booklet for
XYZ(18.9914, 20.7068, 36.7534)
contains.

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Color

**XYZ(19.0026, 20.7066,
36.7134)**

Conversions

Conversions Part 1

Format	Color
Hex	5F81A1
RGB	95, 129, 161
RGB Percent	37%, 51%, 63%
CMY	0.6274, 0.4941, 0.3686
CMYK	0.41, 0.20, 0.00, 0.37
HSL	209°, 26%, 50%
HSV	209°, 41%, 63%
XYZ	19.0026, 20.7066, 36.7134
YIQ	122.4820, -30.5360, 2.7440

Conversions

Conversions Part 2

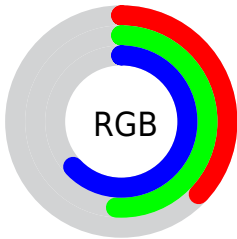
Format	Color
R_{YB}	95, 117, 161
Decimal	6259105
CIE _{Lab}	52.63, -3.44, -20.88
CIE _{LCh}	53, 21.163, 260.649
Yxy	20.7066, 0.2487, 0.2709
Android (android.graphics.Color)	4284449185 (0xFF5F81A1)
YUV	122.4820, 18.9894, -24.1017
Hunter-Lab	45.5045, -5.0916, -15.9825

Details

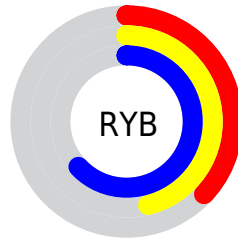
The XYZ color **19.0026, 20.7066, 36.7134** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **24.3534, 23.5826, 14.0956**, and the grayscale version is **18.6038, 19.5726, 21.3146**.

A 20% lighter version of the original color is **41.3354, 44.7097, 71.4170**, and **6.6677, 7.3769, 15.5405** is the 20% darker color. If you saturate the color by 10%, you get **16.5107, 17.9538, 36.3138**, and if you desaturate by 10%, it is **21.9201, 23.7963, 37.1564**.

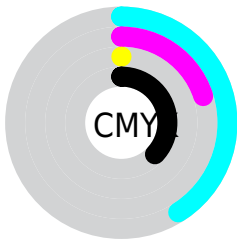
Distribution



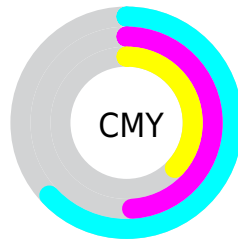
- Red (37%)
- Green (51%)
- Blue (63%)



- Red (37%)
- Yellow (46%)
- Blue (63%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)
- Black (37%)



- Cyan (63%)
- Magenta (49%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0026, 20.7066, 36.7134 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 19.0026, 20.7066, 36.7134 by changing the saturation by 10% instead.

■ 19.0026, 20.7066,
36.7134

■ 19.0026, 20.7066,
36.7134

239.4009,
255.7151, 347.1993

■ 11.7762, 12.9097,
24.6916

■ 41.2553, 44.5987,
71.3132

■ 6.6626, 7.3664,
15.6305

■ 57.0123, 61.4627,
94.7282

■ 3.2964, 3.6923,
9.1116

■ 76.3436, 82.1179,
122.7781

■ 1.3124, 1.5030,
4.7162

■ 99.6145, 106.9487,
155.8814

■ 0.1925, 0.2908,
2.0259

127.1903,
136.3394, 194.4567

■ 0.0000, 0.0000,
0.5712

159.4364,

■ 0.0000, 0.0000,

170.6744, 238.9224

0.0000

196.7182,
210.3382, 289.6970

■ 19.0026, 20.7066,
36.7134

■ 19.0026, 20.7066,
36.7134

■ 16.5107, 17.9538,
36.3138

■ 21.9201, 23.7963,
37.1564

■ 14.4192, 15.5210,
35.9544

■ 25.2823, 27.2340,
37.6427

■ 12.7030, 13.3931,
35.6341

■ 29.1099, 31.0331,
38.1743

■ 11.3332, 11.5523,
35.3510

■ 33.4214, 35.2056,
38.7524

■ 10.2759, 9.9783,
35.1029

■ 38.2341, 39.7628,
39.3784

■ 9.5218, 8.7506,
34.9057

■ 43.5647, 44.7153,
40.0534

■ 49.4290, 50.0736,
40.7785

■ 55.8419, 55.8475,
41.5550

■ 62.8181, 62.0466,
42.3839

Harmonies

Analogous

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



17.1223, 20.7066, 33.2543



19.0026, 20.7066, 36.7134



21.2085, 20.7066, 35.8668

Triad

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



19.0026, 20.7066, 36.7134



23.9043, 20.7066, 18.5433



16.5920, 20.7066, 15.7123

Complementary

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



19.0026, 20.7066, 36.7134



24.3534, 23.5826, 14.0956

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.



18.2287, 20.7066, 13.0145



19.0026, 20.7066, 36.7134



22.4827, 20.7066, 14.4254

Square

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



19.0026, 20.7066, 36.7134



24.1502, 20.7066, 24.5693



20.3754, 20.7066, 12.5918



15.8003, 20.7066, 20.6369

Rectangle

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



19.0026, 20.7066, 36.7134



22.5629, 20.7066, 33.0265



20.3754, 20.7066, 12.5918



17.0556, 20.7066, 14.5565

Sweetspot

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



19.0033, 20.7074, 36.7139



51.2414, 54.7024, 68.2444



21.2890, 29.4528, 24.6081



11.0514, 11.8134, 14.9414



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.0033, 20.7074, 36.7139



30.0124, 32.6541, 65.1076



15.3450, 13.3909, 35.4945



6.9881, 7.4351, 8.9699



7.6457, 7.0708, 27.8916



0.2078, 0.2428, 0.6018

Inverse Universe

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



22.7532, 17.3472, 22.9188



37.8380, 26.5285, 36.1201



29.3174, 33.5106, 15.7502



7.2189, 7.1440, 8.1394



13.0047, 6.5579, 7.2151



0.2970, 0.1473, 0.2768

Previews

White Background



This preview shows how the XYZ color 19.0026, 20.7066, 36.7134 looks on a white background.

Color Contrast Check

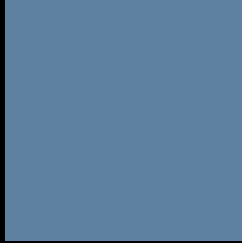
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0026, 20.7066, 36.7134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

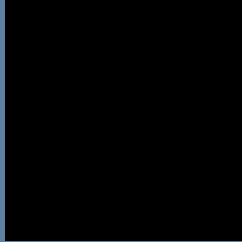
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.0026, 20.7066, 36.7134

Background



This preview shows how black text looks on a background with the XYZ color 19.0026, 20.7066, 36.7134.

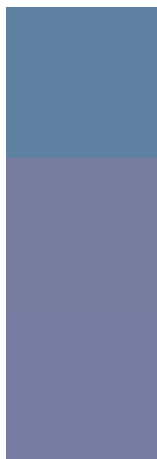


This preview shows how white text looks on a background with the XYZ color 19.0026, 20.7066,

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

19.0026, 20.7066, 36.7134

Protanopia

20.6296, 20.6315, 34.7933

Deuteranopia

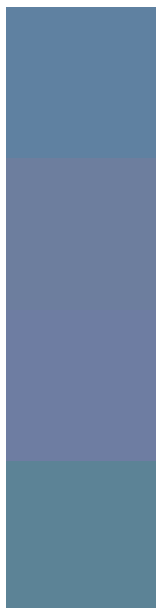
21.0758, 20.6261, 37.0528



Tritanopia

17.4256, 20.6594, 29.0558

Trichromacy



Original Color

19.0026, 20.7066, 36.7134

Protanomaly

19.9391, 20.6415, 35.2811

Deuteranomaly

20.2856, 20.5909, 37.0877

Tritanomaly

18.0350, 20.7099, 31.9010

Monochromacy



Original Color

19.0026, 20.7066, 36.7134

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.4596, 19.8895, 26.1587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0026, 20.7066, 36.7134 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(95, 129, 161)` looks like.

```
.text, #text, p{  
    color:rgb(95, 129, 161)  
}
```

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(95, 129, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 129, 161) }
```

Border

The CSS property to change the border of an element to XYZ 19.0026, 20.7066, 36.7134 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(95, 129, 161) }
```


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

```
.border{ border-color:rgb(95, 129, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 129, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 129, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 129, 161);  
box-shadow:4px 4px 4px 4px rgb(95, 129,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0026, 20.7066, 36.7134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 129, 161) }
```

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

```
.background{ background-color: rgb(95, 129,  
161) }
```

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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