

Converting Colors

XYZ(19.1095, 21.0553, 36.1398)

Have a look what the booklet for
XYZ(19.1095, 21.0553, 36.1398)
contains.

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Color

**XYZ(19.0471, 20.9362,
36.2949)**

Conversions

Conversions Part 1

Format	Color
Hex	5F82A0
RGB	95, 130, 160
RGB Percent	37%, 51%, 63%
CMY	0.6274, 0.4902, 0.3725
CMYK	0.41, 0.19, 0.00, 0.37
HSL	208°, 25%, 50%
HSV	208°, 41%, 63%
XYZ	19.0471, 20.9362, 36.2949
YIQ	122.9550, -30.4900, 1.9100

Conversions

Conversions Part 2

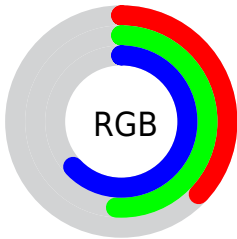
Format	Color
R_{YB}	95, 118, 160
Decimal	6259360
CIE _{Lab}	52.88, -4.30, -19.92
CIE _{LCh}	53, 20.374, 257.816
Yxy	20.9362, 0.2497, 0.2745
Android (android.graphics.Color)	4284449440 (0xFF5F82A0)
YUV	122.9550, 18.2632, -24.5165
Hunter-Lab	45.7561, -5.7681, -15.0011

Details

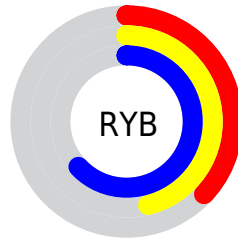
The XYZ color **19.0471, 20.9362, 36.2949** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **23.8969, 22.9675, 14.0008**, and the grayscale version is **18.7614, 19.7384, 21.4951**.

A 20% lighter version of the original color is **41.4120, 45.0692, 70.8066**, and **6.6879, 7.5030, 15.2831** is the 20% darker color. If you saturate the color by 10%, you get **16.6055, 18.2717, 35.9097**, and if you desaturate by 10%, it is **21.9019, 23.9193, 36.7206**.

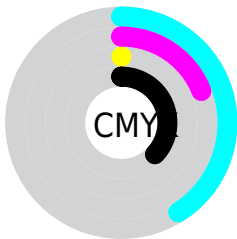
Distribution



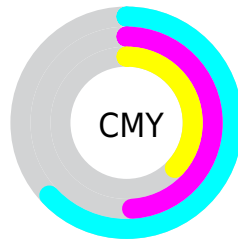
- Red (37%)
- Green (51%)
- Blue (63%)



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



- Cyan (41%)
- Magenta (19%)
- Yellow (0%)
- Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0471, 20.9362, 36.2949 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 19.0471, 20.9362, 36.2949 by changing the saturation by 10% instead.

■ 19.0471, 20.9362,
36.2949

■ 19.0471, 20.9362,
36.2949

239.6418,
256.9392, 345.3240

■ 11.8085, 13.0774,
24.3705

■ 41.3299, 44.9813,
70.6612

■ 6.6847, 7.4818,
15.3940

■ 57.1049, 61.9364,
93.9401

■ 3.3103, 3.7652,
8.9467

■ 76.4560, 82.6924,
121.8411

■ 1.3199, 1.5431,
4.6101

■ 99.7487, 107.6336,
154.7825

■ 0.1980, 0.3188,
1.9656

127.3483,
137.1446, 193.1830

■ 0.0000, 0.0000,
0.5340

159.6200,

■ 0.0000, 0.0000,

171.6095, 237.4610

0.0000

196.9294,
211.4130, 288.0352

■ 19.0471, 20.9362,
36.2949

■ 19.0471, 20.9362,
36.2949

■ 16.6055, 18.2717,
35.9097

■ 21.9019, 23.9193,
36.7206

■ 14.5527, 15.9097,
35.5619

■ 25.1886, 27.2313,
37.1867

■ 12.8643, 13.8357,
35.2506

■ 28.9270, 30.8851,
37.6949

■ 11.5122, 12.0331,
34.9739

■ 33.1352, 34.8919,
38.2465

■ 10.4636, 10.4823,
34.7299

■ 37.8301, 39.2624,
38.8426

■ 9.6854, 9.2185,
34.5269

■ 43.0279, 44.0067,
39.4844

■ 48.7437, 49.1347,
40.1729

■ 54.9922, 54.6556,
40.9093

■ 61.7876, 60.5785,
41.6943

Harmonies

Analogous

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



17.2731, 20.9362, 32.6417



19.0471, 20.9362, 36.2949



21.1792, 20.9362, 35.8896

Triad

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



19.0471, 20.9362, 36.2949



24.0598, 20.9362, 19.3913



17.0154, 20.9362, 15.7902

Complementary

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



19.0471, 20.9362, 36.2949



23.8969, 22.9675, 14.0008

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.



18.6719, 20.9362, 13.3511



19.0471, 20.9362, 36.2949



22.7789, 20.9362, 15.1606

Square

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



19.0471, 20.9362, 36.2949



24.1782, 20.9362, 25.3628



20.7764, 20.9362, 13.1434



16.1574, 20.9362, 20.4084

Rectangle

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



19.0471, 20.9362, 36.2949



22.5182, 20.9362, 33.3773



20.7764, 20.9362, 13.1434



17.4916, 20.9362, 14.7269

Sweetspot

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



19.0478, 20.9370, 36.2954



51.3745, 54.9685, 68.2888



20.9446, 29.0366, 23.6532



11.0832, 11.8770, 14.9520



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.



19.0478, 20.9370, 36.2954



30.4286, 33.4865, 65.2463



15.4562, 13.7539, 35.0982



6.5657, 6.9971, 8.4112



7.5892, 7.2700, 26.9105



0.1778, 0.2142, 0.4952

Inverse Universe

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



22.6192, 17.2704, 23.2612



38.0480, 26.6125, 37.2262



28.5779, 32.3297, 15.5612



6.7749, 6.7029, 7.6656



12.6289, 6.3561, 7.5627



0.2471, 0.1222, 0.2471

Previews

White Background



This preview shows how the XYZ color 19.0471, 20.9362, 36.2949 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 19.0471, 20.9362, 36.2949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

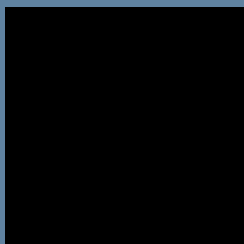
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

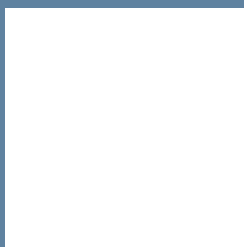
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0471, 20.9362, 36.2949

Background



This preview shows how black text looks on a background with the XYZ color 19.0471, 20.9362, 36.2949.

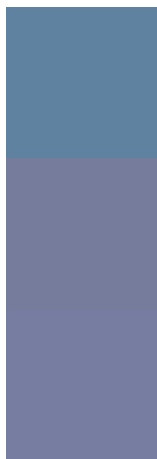


This preview shows how white text looks on a background with the XYZ color 19.0471, 20.9362,

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

19.0471, 20.9362, 36.2949

Protanopia

20.8056, 20.9191, 34.3937

Deuteranopia

21.2484, 20.9105, 36.6344



Tritanopia

17.7360, 21.0128, 29.5067

Trichromacy



Original Color

19.0471, 20.9362, 36.2949

Protanomaly

20.1056, 20.9281, 34.8781

Deuteranomaly

20.3243, 20.8099, 36.6637

Tritanomaly

18.1699, 20.9798, 31.9460

Monochromacy



Original Color

19.0471, 20.9362, 36.2949

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.7148, 20.2100, 26.2071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0471, 20.9362, 36.2949 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, 130, 160)` looks like.

```
.text, #text, p{  
    color:rgb(95, 130, 160)  
}
```

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, 130, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 130, 160) }
```

Border

The CSS property to change the border of an element to XYZ 19.0471, 20.9362, 36.2949 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, 130, 160) }
```


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

```
.border{ border-color:rgb(95, 130, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 130, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 130, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 130, 160);  
box-shadow:4px 4px 4px 4px rgb(95, 130,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0471, 20.9362, 36.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 130, 160) }
```

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

```
.background{ background-color: rgb(95, 130,  
160) }
```

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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