

Converting Colors

XYZ(18.5691, 19.6223, 37.5657)

Have a look what the booklet for
XYZ(18.5691, 19.6223, 37.5657)
contains.

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Color

**XYZ(18.5606, 19.6913,
37.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7DA3
RGB	94, 125, 163
RGB Percent	37%, 49%, 64%
CMY	0.6314, 0.5098, 0.3608
CMYK	0.42, 0.23, 0.00, 0.36
HSL	213°, 27%, 50%
HSV	213°, 42%, 64%
XYZ	18.5606, 19.6913, 37.4729
YIQ	120.0630, -30.6740, 5.2460

Conversions

Conversions Part 2

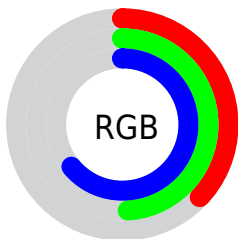
Format	Color
R_{YB}	94, 115, 163
Decimal	6192547
CIE Lab	51.49, -0.81, -23.80
CIE LCh	51, 23.815, 268.057
Yxy	19.6913, 0.2451, 0.2600
Android (android.graphics.Color)	4284382627 (0xFF5E7DA3)
YUV	120.0630, 21.1679, -22.8573
Hunter-Lab	44.3749, -2.9952, -19.0057

Details

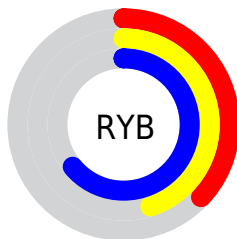
The XYZ color **18.5606, 19.6913, 37.4729** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **25.3764, 25.0978, 14.0973**, and the grayscale version is **17.8148, 18.7426, 20.4106**.

A 20% lighter version of the original color is **40.4097, 42.7093, 72.4436**, and **6.4085, 6.8088, 16.0154** is the 20% darker color. If you saturate the color by 10%, you get **15.9769, 16.7482, 37.0414**, and if you desaturate by 10%, it is **21.6013, 23.0233, 37.9561**.

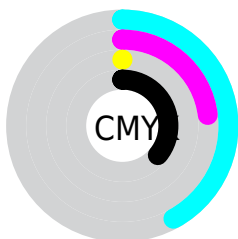
Distribution



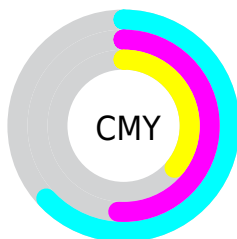
- Red (37%)
- Green (49%)
- Blue (64%)



- Red (37%)
- Yellow (45%)
- Blue (64%)



- Cyan (42%)
- Magenta (23%)
- Yellow (0%)
- Black (36%)



- Cyan (63%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5606, 19.6913, 37.4729 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 18.5606, 19.6913, 37.4729 by changing the saturation by 10% instead.

■ 18.5606, 19.6913,
37.4729

■ 18.5606, 19.6913,
37.4729

236.9971,
250.2390, 350.5836

■ 11.4553, 12.1708,
25.2752

■ 40.5129, 42.8990,
72.4939

■ 6.4435, 6.8601,
16.0613

■ 56.0907, 59.3551,
96.1544

■ 3.1598, 3.3748,
9.4127

■ 75.2233, 79.5585,
124.4728

■ 1.2388, 1.3304,
4.9109

■ 98.2762, 103.8935,
157.8677

■ 0.1367, 0.1646,
2.1372

125.6147,
132.7448, 196.7577

■ 0.0000, 0.0000,
0.6378

157.6041,

■ 0.0000, 0.0000,

166.4965, 241.5613

0.0000

194.6098,
205.5331, 292.6971

■ 18.5606, 19.6913,
37.4729

■ 18.5606, 19.6913,
37.4729

■ 15.9769, 16.7482,
37.0414

■ 21.6013, 23.0233,
37.9561

■ 13.8231, 14.1749,
36.6582

■ 25.1202, 26.7577,
38.4915

■ 12.0721, 11.9534,
36.3217

■ 29.1392, 30.9100,
39.0811

■ 10.6924, 10.0633,
36.0296

■ 33.6785, 35.4942,
39.7267

■ 9.6470, 8.4809,
35.7792

■ 38.7568, 40.5236,
40.4298

■ 9.0088, 7.4401,
35.6120

■ 44.3921, 46.0106,
41.1919

■ 50.6016, 51.9674,
42.0144

■ 57.4014, 58.4056,
42.8987

■ 64.8072, 65.3363,
43.8462

Harmonies

Analogous

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



16.3878, 19.6913, 34.6647



18.5606, 19.6913, 37.4729



20.9625, 19.6913, 35.2831

Triad

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



18.5606, 19.6913, 37.4729



23.0727, 19.6913, 15.8252



15.0799, 19.6913, 15.2023

Complementary

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



18.5606, 19.6913, 37.4729



25.3764, 25.0978, 14.0973

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.



16.6360, 19.6913, 11.7947



18.5606, 19.6913, 37.4729



21.2549, 19.6913, 12.0969

Square

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



18.5606, 19.6913, 37.4729



23.6964, 19.6913, 21.8898



18.8722, 19.6913, 10.7910



14.4874, 19.6913, 20.9973

Rectangle

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



18.5606, 19.6913, 37.4729



22.3476, 19.6913, 31.4984



18.8722, 19.6913, 10.7910



15.5008, 19.6913, 13.7900

Sweetspot

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



18.5613, 19.6920, 37.4734



51.4915, 54.6474, 69.8902



21.8753, 30.2391, 26.4963



11.2083, 11.9079, 15.6452



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



18.5613, 19.6920, 37.4734



28.7761, 30.1843, 66.3656



15.5921, 13.2167, 36.3800



6.9502, 7.3595, 8.9573



7.0456, 5.8706, 27.6916



0.1950, 0.2173, 0.5975

Inverse Universe

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



22.8092, 17.2733, 21.5347



37.6559, 26.0608, 32.8391



29.5254, 34.4303, 15.6800



7.1999, 7.1364, 8.0388



12.7018, 6.4368, 5.6201



0.2906, 0.1447, 0.2429

Previews

White Background



This preview shows how the XYZ color 18.5606, 19.6913, 37.4729 looks on a white background.

Color Contrast Check

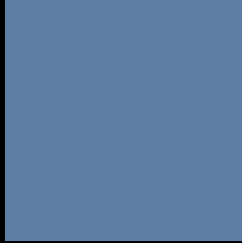
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5606, 19.6913, 37.4729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

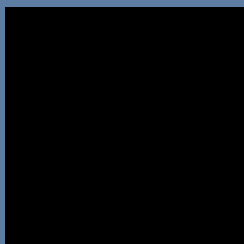
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

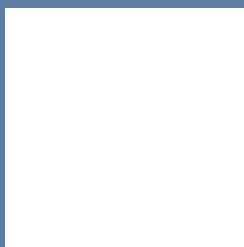
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5606, 19.6913, 37.4729

Background



This preview shows how black text looks on a background with the XYZ color 18.5606, 19.6913, 37.4729.

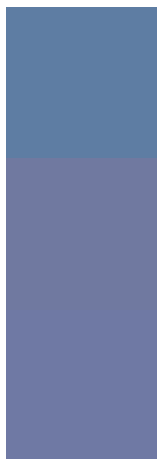


This preview shows how white text looks on a background with the XYZ color 18.5606, 19.6913,

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

18.5606, 19.6913, 37.4729

Protanopia

19.8646, 19.6576, 36.0050

Deuteranopia

20.0938, 19.7346, 37.8721



Tritanopia

16.6084, 19.6687, 27.7320

Trichromacy



Original Color

18.5606, 19.6913, 37.4729

Protanomaly

19.2183, 19.4955, 36.4683

Deuteranomaly

19.4861, 19.6027, 37.8786

Tritanomaly

17.2809, 19.7501, 30.9183

Monochromacy



Original Color

18.5606, 19.6913, 37.4729

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9590, 19.0761, 26.0281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5606, 19.6913, 37.4729 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(94, 125, 163)` looks like.

```
.text, #text, p{  
    color:rgb(94, 125, 163)  
}
```

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(94, 125, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 125, 163) }
```

Border

The CSS property to change the border of an element to XYZ 18.5606, 19.6913, 37.4729 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(94, 125, 163) }
```


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

```
.border{ border-color:rgb(94, 125, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 125, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 125, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 125, 163);  
box-shadow:4px 4px 4px 4px rgb(94, 125,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5606, 19.6913, 37.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 125, 163) }
```

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

```
.background{ background-color: rgb(94, 125,  
163) }
```

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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