

Converting Colors

XYZ(19.5305, 21.6668, 36.8926)

Have a look what the booklet for
XYZ(19.5305, 21.6668, 36.8926)
contains.

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Color

**XYZ(19.5082, 21.5625,
36.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	6084A1
RGB	96, 132, 161
RGB Percent	38%, 52%, 63%
CMY	0.6235, 0.4823, 0.3686
CMYK	0.40, 0.18, 0.00, 0.37
HSL	207°, 26%, 50%
HSV	207°, 40%, 63%
XYZ	19.5082, 21.5625, 36.8520
YIQ	124.5420, -30.7650, 1.3870

Conversions

Conversions Part 2

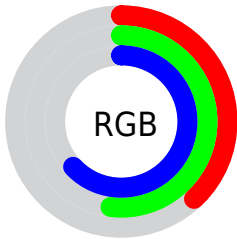
Format	Color
R_{YB}	96, 119, 161
Decimal	6325409
CIE _{Lab}	53.56, -4.89, -19.45
CIE _{LCh}	54, 20.053, 255.889
Yxy	21.5625, 0.2504, 0.2767
Android (android.graphics.Color)	4284515489 (0xFF6084A1)
YUV	124.5420, 17.9738, -25.0313
Hunter-Lab	46.4354, -6.2716, -14.5488

Details

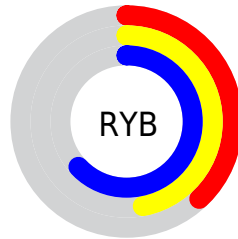
The XYZ color **19.5082, 21.5625, 36.8520** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **24.1435, 23.0896, 14.2514**, and the grayscale version is **19.2889, 20.2934, 22.0995**.

A 20% lighter version of the original color is **42.1381, 46.0454, 71.6325**, and **6.9358, 7.8485, 15.6174** is the 20% darker color. If you saturate the color by 10%, you get **17.0439, 18.8960, 36.4676**, and if you desaturate by 10%, it is **22.3879, 24.5437, 37.2760**.

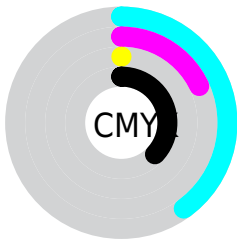
Distribution



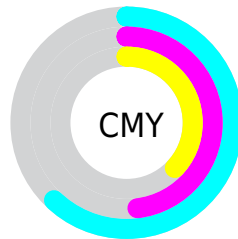
- Red (38%)
- Green (52%)
- Blue (63%)



- Red (38%)
- Yellow (47%)
- Blue (63%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (37%)



- Cyan (62%)
- Magenta (48%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5082, 21.5625, 36.8520 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 19.5082, 21.5625, 36.8520 by changing the saturation by 10% instead.

■ 19.5082, 21.5625,
36.8520

■ 19.5082, 21.5625,
36.8520

242.1248,
260.2529, 347.8187

■ 12.1442, 13.5358,
24.7980

■ 42.1014, 46.0218,
71.5289

■ 6.9149, 7.7985,
15.7090

■ 58.0613, 63.2232,
94.9889

■ 3.4548, 3.9663,
9.1663

■ 77.6172, 84.2517,
123.0880

■ 1.3986, 1.6547,
4.7516

■ 101.1345,
109.4915, 156.2447

■ 0.2552, 0.3941,
2.0461

128.9786,
139.3272, 194.8776

■ 0.0000, 0.0000,
0.5834

161.5147,

■ 0.0000, 0.0000,

174.1430, 239.4052

0.0000

199.1083,
214.3235, 290.2460

■ 19.5082, 21.5625,
36.8520

■ 19.5082, 21.5625,
36.8520

■ 17.0439, 18.8960,
36.4676

■ 22.3879, 24.5437,
37.2760

■ 14.9703, 16.5279,
36.1198

■ 25.7016, 27.8498,
37.7395

■ 13.2630, 14.4442,
35.8076

■ 29.4695, 31.4933,
38.2442

■ 11.8936, 12.6282,
35.5292

■ 33.7097, 35.4856,
38.7913

■ 10.8292, 11.0606,
35.2828

■ 38.4392, 39.8371,
39.3820

■ 10.0196, 9.7463,
35.0717

■ 43.6742, 44.5579,
40.0173

■ 49.4301, 49.6577,
40.6982

■ 55.7217, 55.1458,
41.4259

■ 62.5630, 61.0310,
42.2013

Harmonies

Analogous

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



17.7634, 21.5625, 32.9896



19.5082, 21.5625, 36.8520



21.6411, 21.5625, 36.7244

Triad

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



19.5082, 21.5625, 36.8520



24.7095, 21.5625, 20.3990



17.6815, 21.5625, 16.1975

Complementary

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



19.5082, 21.5625, 36.8520



24.1435, 23.0896, 14.2514

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.



19.3892, 21.5625, 13.8747



19.5082, 21.5625, 36.8520



23.4922, 21.5625, 15.9965

Square

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



19.5082, 21.5625, 36.8520



24.7470, 21.5625, 26.4678



21.5135, 21.5625, 13.8082



16.7595, 21.5625, 20.7221

Rectangle

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



19.5082, 21.5625, 36.8520



23.0009, 21.5625, 34.3701



21.5135, 21.5625, 13.8082



18.1771, 21.5625, 15.1707

Sweetspot

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



19.5089, 21.5633, 36.8525



51.4625, 55.1445, 68.3181



21.2181, 29.4365, 23.6884



11.1042, 11.9190, 14.9590



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.



19.5089, 21.5633, 36.8525



31.1276, 34.5084, 65.4067



15.8469, 14.2393, 35.6318



7.0104, 7.4798, 8.9773



8.0434, 7.8662, 28.0242



0.2153, 0.2578, 0.6043

Inverse Universe

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



23.0463, 17.6096, 24.0149



38.4927, 27.1420, 38.4840



28.8104, 32.4234, 15.8071



7.2302, 7.1485, 8.1988



13.2054, 6.6382, 8.2722



0.3008, 0.1488, 0.2968

Previews

White Background



This preview shows how the XYZ color 19.5082, 21.5625, 36.8520 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 19.5082, 21.5625, 36.8520 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

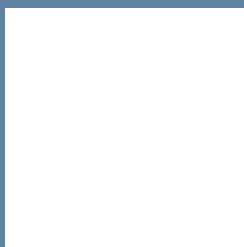
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5082, 21.5625, 36.8520

Background



This preview shows how black text looks on a background with the XYZ color 19.5082, 21.5625, 36.8520.

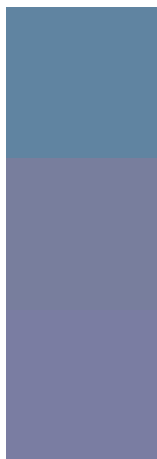


This preview shows how white text looks on a background with the XYZ color 19.5082, 21.5625,

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

19.5082, 21.5625, 36.8520

Protanopia

21.2924, 21.3491, 34.8968

Deuteranopia

21.8812, 21.4134, 37.1624



Tritanopia

18.2659, 21.6786, 30.4158

Trichromacy



Original Color

19.5082, 21.5625, 36.8520

Protanomaly

20.4463, 21.2865, 35.3788

Deuteranomaly

21.0508, 21.5577, 37.2340

Tritanomaly

18.6252, 21.6117, 32.4680

Monochromacy



Original Color

19.5082, 21.5625, 36.8520

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.2460, 20.8507, 27.0550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5082, 21.5625, 36.8520 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(96, 132, 161) looks like.

```
.text, #text, p{  
    color:rgb(96, 132, 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(96, 132, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 132, 161) }
```

Border

The CSS property to change the border of an element to XYZ 19.5082, 21.5625, 36.8520 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(96, 132, 161) }
```


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

```
.border{ border-color:rgb(96, 132, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 132, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 132, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 132, 161);  
box-shadow:4px 4px 4px 4px rgb(96, 132,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5082, 21.5625, 36.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 132, 161) }
```

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

```
.background{ background-color: rgb(96, 132,  
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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