

Converting Colors

XYZ(21.5603, 21.6780, 34.9462)

Have a look what the booklet for
XYZ(21.5603, 21.6780, 34.9462)
contains.

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Color

**XYZ(21.5603, 21.6780,
34.9462)**

Conversions

Conversions Part 1

Format	Color
Hex	797F9D
RGB	121, 127, 157
RGB Percent	47%, 50%, 62%
CMY	0.5255, 0.5019, 0.3843
CMYK	0.23, 0.19, 0.00, 0.38
HSL	230°, 16%, 55%
HSV	230°, 23%, 62%
XYZ	21.5603, 21.6780, 34.9462
YIQ	128.6260, -13.2060, 8.0580

Conversions

Conversions Part 2

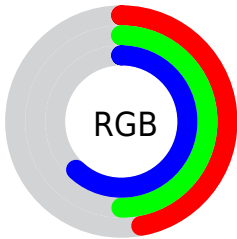
Format	Color
R_{YB}	121, 126, 157
Decimal	7962525
CIE _{Lab}	53.68, 4.58, -16.79
CIE _{LCh}	54, 17.402, 285.244
Yxy	21.6780, 0.2758, 0.2773
Android (android.graphics.Color)	4286152605 (0xFF797F9D)
YUV	128.6260, 13.9884, -6.6880
Hunter-Lab	46.5596, 1.1783, -11.9095

Details

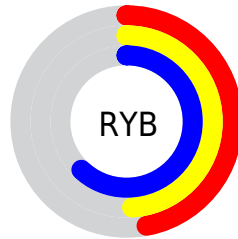
The XYZ color **21.5603, 21.6780, 34.9462** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.4226, 30.6818, 22.5138**, and the grayscale version is **20.6921, 21.7697, 23.7072**.

A 20% lighter version of the original color is **45.6605, 46.3947, 68.8359**, and **7.9984, 7.8671, 14.7326** is the 20% darker color. If you saturate the color by 10%, you get **17.9553, 17.4725, 34.3248**, and if you desaturate by 10%, it is **25.7442, 26.5087, 35.6585**.

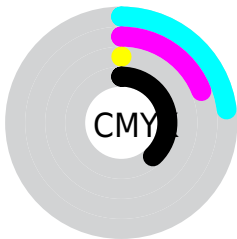
Distribution



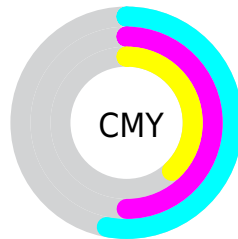
- Red (47%)
- Green (50%)
- Blue (62%)



- Red (47%)
- Yellow (49%)
- Blue (62%)



- Cyan (23%)
- Magenta (19%)
- Yellow (0%)
- Black (38%)



- Cyan (53%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5603, 21.6780, 34.9462 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 21.5603, 21.6780, 34.9462 by changing the saturation by 10% instead.

■ 21.5603, 21.6780,
34.9462

■ 21.5603, 21.6780,
34.9462

252.9171,
260.8601, 339.2278

■ 13.6490, 13.6205,
23.3382

■ 45.5025, 46.2132,
68.5530

■ 7.9570, 7.8572,
14.6358

■ 62.2640, 63.4597,
91.3890

■ 4.1190, 4.0037,
8.4204

■ 82.7063, 84.5380,
118.8046

■ 1.7697, 1.6756,
4.2735

107.1948,
109.8325, 151.2186

■ 0.4993, 0.4078,
1.7766

136.0948,
139.7275, 189.0493

■ 0.0000, 0.0000,
0.4124

169.7716,

■ 0.0000, 0.0000,

174.6075, 232.7154

0.0000

208.5906,
214.8569, 282.6354

■ 21.5603, 21.6780,
34.9462

■ 21.5603, 21.6780,
34.9462

■ 17.9553, 17.4725,
34.3248

■ 25.7442, 26.5087,
35.6585

■ 14.9015, 13.8638,
33.7892

■ 30.5289, 31.9862,
36.4635

■ 12.3719, 10.8255,
33.3361

■ 35.9379, 38.1342,
37.3651

■ 10.3364, 8.3276,
32.9612

■ 41.9927, 44.9745,
38.3663

■ 8.7617, 6.3379,
32.6602

■ 48.7138, 52.5279,
39.4700

■ 7.6104, 4.8202,
32.4279

■ 56.1206, 60.8141,
40.6791

■ 6.8388, 3.7333,
32.2588

■ 64.2320, 69.8525,
41.9961

■ 6.4591, 3.1808,
32.1722

■ 73.0660, 79.6612,
43.4238

■ 79.9021, 88.8469,
44.8365

Harmonies

Analogous

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



19.7055, 21.6780, 34.9756



21.5603, 21.6780, 34.9462



23.2534, 21.6780, 31.5864

Triad

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



21.5603, 21.6780, 34.9462



23.2300, 21.6780, 17.0440



17.3316, 21.6780, 21.0866

Complementary

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



21.5603, 21.6780, 34.9462



28.4226, 30.6818, 22.5138

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.



18.1644, 21.6780, 17.0938



21.5603, 21.6780, 34.9462



21.5300, 21.6780, 15.0100

Square

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



21.5603, 21.6780, 34.9462



24.2562, 21.6780, 21.0084



19.6770, 21.6780, 15.0267



17.3387, 21.6780, 26.4043

Rectangle

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



21.5603, 21.6780, 34.9462



24.0304, 21.6780, 28.1642



19.6770, 21.6780, 15.0267



17.5203, 21.6780, 19.5640

Sweetspot

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



21.5610, 21.6789, 34.9467



50.9361, 53.0142, 64.6749



25.4799, 30.3942, 33.5475



11.1083, 11.5511, 14.2145



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.5610, 21.6789, 34.9467



34.8663, 34.4637, 61.9413



22.5020, 21.0474, 34.7752



6.3697, 6.6051, 8.3459



5.2654, 2.6224, 26.1359



0.1161, 0.0907, 0.4746

Inverse Universe

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



24.5733, 22.3757, 23.1034



41.3518, 36.0815, 36.4163



27.2916, 31.5692, 22.7447



6.6759, 6.6633, 7.1446



11.4559, 5.8869, 1.3861



0.2159, 0.1097, 0.0830

Previews

White Background



This preview shows how the XYZ color 21.5603, 21.6780, 34.9462 looks on a white background.

Color Contrast Check

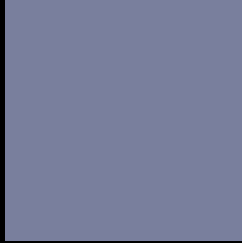
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5603, 21.6780, 34.9462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

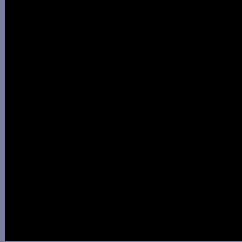
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

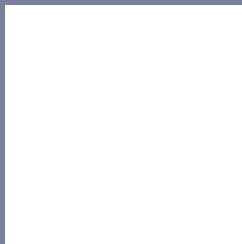
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5603, 21.6780, 34.9462

Background



This preview shows how black text looks on a background with the XYZ color 21.5603, 21.6780, 34.9462.



This preview shows how white text looks on a background with the XYZ color 21.5603, 21.6780,

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

21.5603, 21.6780, 34.9462

Protanopia

21.5603, 21.6780, 34.9462

Deuteranopia

22.0236, 21.5372, 34.8946



Tritanopia

20.1875, 21.7103, 27.9374

Trichromacy



Original Color

21.5603, 21.6780, 34.9462

Protanomaly

21.5603, 21.6780, 34.9462

Deuteranomaly

21.8588, 21.6411, 34.9234

Tritanomaly

20.6463, 21.6978, 30.2940

Monochromacy



Original Color

21.5603, 21.6780, 34.9462

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.9836, 21.7380, 27.5160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5603, 21.6780, 34.9462 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(121, 127, 157)` looks like.

```
.text, #text, p{  
    color:rgb(121, 127, 157)  
}
```

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(121, 127, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 127, 157) }
```

Border

The CSS property to change the border of an element to XYZ 21.5603, 21.6780, 34.9462 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(121, 127, 157) }
```


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

```
.border{ border-color:rgb(121, 127, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 127, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 127, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 127, 157);  
box-shadow:4px 4px 4px 4px rgb(121, 127,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5603, 21.6780, 34.9462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 127, 157) }
```

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

```
.background{ background-color: rgb(121,  
127, 157) }
```

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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