

Converting Colors

XYZ(21.7086, 22.1026, 34.3755)

Have a look what the booklet for
XYZ(21.7086, 22.1026, 34.3755)
contains.

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Color

**XYZ(21.7362, 22.1658,
34.5853)**

Conversions

Conversions Part 1

Format	Color
Hex	79819C
RGB	121, 129, 156
RGB Percent	47%, 51%, 61%
CMY	0.5255, 0.4941, 0.3882
CMYK	0.22, 0.17, 0.00, 0.39
HSL	226°, 15%, 54%
HSV	226°, 22%, 61%
XYZ	21.7362, 22.1658, 34.5853
YIQ	129.6860, -13.4350, 6.7010

Conversions

Conversions Part 2

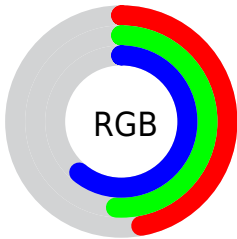
Format	Color
R_{YB}	121, 128, 156
Decimal	7963036
CIE _{Lab}	54.20, 3.17, -15.42
CIE _{LCh}	54, 15.743, 281.602
Yxy	22.1658, 0.2769, 0.2824
Android (android.graphics.Color)	4286153116 (0xFF79819C)
YUV	129.6860, 12.9728, -7.6176
Hunter-Lab	47.0806, 0.0190, -10.5979

Details

The XYZ color **21.7362, 22.1658, 34.5853** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **27.7517, 29.6283, 22.3460**, and the grayscale version is **21.0669, 22.1641, 24.1367**.

A 20% lighter version of the original color is **45.9414, 47.1577, 68.3090**, and **8.0909, 8.1350, 14.5084** is the 20% darker color. If you saturate the color by 10%, you get **18.2315, 18.1434, 33.9940**, and if you desaturate by 10%, it is **25.7825, 26.7457, 35.2564**.

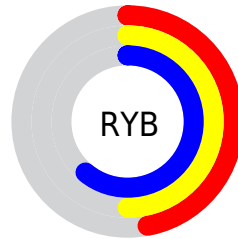
Distribution



Red (47%)

Green (51%)

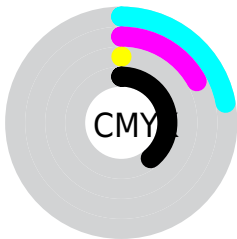
Blue (61%)



Red (47%)

Yellow (50%)

Blue (61%)

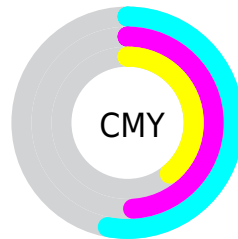


Cyan (22%)

Magenta (17%)

Yellow (0%)

Black (39%)



Cyan (53%)

Magenta (49%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7362, 22.1658, 34.5853 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 21.7362, 22.1658, 34.5853 by changing the saturation by 10% instead.

■ 21.7362, 22.1658,
34.5853

■ 21.7362, 22.1658,
34.5853

253.8239,
263.4109, 337.5825

■ 13.7787, 13.9788,
23.0626

■ 45.7917, 47.0199,
67.9871

■ 8.0476, 8.1059,
14.4340

■ 62.6204, 64.4557,
90.7033

■ 4.1775, 4.1628,
8.2810

■ 83.1370, 85.7433,
117.9877

■ 1.8030, 1.7650,
4.1849

107.7066,
111.2670, 150.2589

■ 0.5195, 0.4652,
1.7273

136.6948,
141.4112, 187.9355

■ 0.0000, 0.0000,
0.3794

170.4668,

■ 0.0000, 0.0000,

176.5603, 231.4359

0.0000

209.3881,
217.0988, 281.1788

■ 21.7362, 22.1658,
34.5853

■ 21.7362, 22.1658,
34.5853

■ 18.2315, 18.1434,
33.9940

■ 25.7825, 26.7457,
35.2564

■ 15.2430, 14.6540,
33.4780

■ 30.3904, 31.9008,
36.0086

■ 12.7461, 11.6756,
33.0347

■ 35.5811, 37.6514,
36.8450

■ 10.7135, 9.1832,
32.6607

■ 41.3745, 44.0159,
37.7681

■ 9.1151, 7.1498,
32.3525

■ 47.7892, 51.0120,
38.7804

■ 7.9168, 5.5454,
32.1060

■ 54.8432, 58.6566,
39.8842

■ 7.0792, 4.3361,
31.9167

■ 62.5535, 66.9660,
41.0817

■ 6.6215, 3.6418,
31.8068

■ 70.9368, 75.9558,
42.3750

■ 77.6140, 84.4067,
43.6543

Harmonies

Analogous

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



20.0470, 22.1658, 34.2193



21.7362, 22.1658, 34.5853



23.3275, 22.1658, 31.8842

Triad

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



21.7362, 22.1658, 34.5853



23.6238, 22.1658, 18.4064



18.0992, 22.1658, 21.2828

Complementary

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



21.7362, 22.1658, 34.5853



27.7517, 29.6283, 22.3460

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.



18.9592, 22.1658, 17.7553



21.7362, 22.1658, 34.5853



22.1229, 22.1658, 16.2561

Square

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



21.7362, 22.1658, 34.5853



24.4561, 22.1658, 22.2899



20.4135, 22.1658, 16.0351



18.0081, 22.1658, 26.0788

Rectangle

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



21.7362, 22.1658, 34.5853



24.0950, 22.1658, 28.8965



20.4135, 22.1658, 16.0351



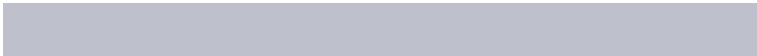
18.3056, 22.1658, 19.9272

Sweetspot

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



21.7369, 22.1667, 34.5858



51.1309, 53.4038, 64.7398



25.1062, 29.9752, 32.4109



11.1540, 11.6426, 14.2297



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.



21.7369, 22.1667, 34.5858



36.1134, 36.4106, 62.2513



22.0958, 20.8479, 34.3123



6.4017, 6.6691, 8.3565



5.4768, 3.0452, 26.2064



0.1263, 0.1113, 0.4780

Inverse Universe

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



24.5107, 22.3283, 23.7878



42.1149, 36.8983, 38.8576



27.3130, 31.3301, 22.6976



6.6921, 6.6698, 7.2297



11.5627, 5.9296, 1.9480



0.2211, 0.1118, 0.1104

Previews

White Background



This preview shows how the XYZ color 21.7362, 22.1658, 34.5853 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 21.7362, 22.1658, 34.5853 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

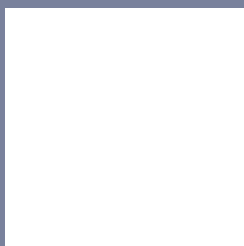
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7362, 22.1658, 34.5853

Background



This preview shows how black text looks on a background with the XYZ color 21.7362, 22.1658, 34.5853.



This preview shows how white text looks on a background with the XYZ color 21.7362, 22.1658,

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

21.7362, 22.1658, 34.5853

Protanopia

22.0321, 22.1237, 34.5616

Deuteranopia

22.6434, 22.2462, 34.5530



Tritanopia

20.4700, 22.0371, 28.7659

Trichromacy



Original Color

21.7362, 22.1658, 34.5853

Protanomaly

21.8883, 22.0496, 34.5548

Deuteranomaly

22.3241, 22.2743, 34.5752

Tritanomaly

20.8568, 21.9938, 30.7497

Monochromacy



Original Color

21.7362, 22.1658, 34.5853

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.3952, 22.3414, 27.6108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7362, 22.1658, 34.5853 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, 129, 156)` looks like.

```
.text, #text, p{  
    color:rgb(121, 129, 156)  
}
```

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, 129, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 129, 156) }
```

Border

The CSS property to change the border of an element to XYZ 21.7362, 22.1658, 34.5853 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, 129, 156) }
```


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

```
.border{ border-color:rgb(121, 129, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 129, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 129, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 129, 156);  
box-shadow:4px 4px 4px 4px rgb(121, 129,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7362, 22.1658, 34.5853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 129, 156) }
```

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

```
.background{ background-color: rgb(121,  
129, 156) }
```

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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