

Converting Colors

XYZ(21.2243, 21.1846, 33.7048)

Have a look what the booklet for
XYZ(21.2243, 21.1846, 33.7048)
contains.

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Color

**XYZ(21.1924, 21.1379,
33.5349)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7D9A
RGB	122, 125, 154
RGB Percent	48%, 49%, 60%
CMY	0.5216, 0.5098, 0.3961
CMYK	0.21, 0.19, 0.00, 0.40
HSL	234°, 14%, 54%
HSV	234°, 21%, 60%
XYZ	21.1924, 21.1379, 33.5349
YIQ	127.4090, -11.0970, 8.3830

Conversions

Conversions Part 2

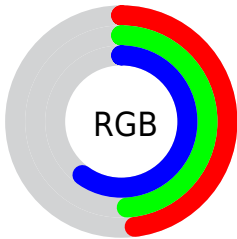
Format	Color
R_{YB}	122, 125, 154
Decimal	8027546
CIE Lab	53.10, 5.35, -15.93
CIE LCh	53, 16.800, 288.556
Yxy	21.1379, 0.2793, 0.2786
Android (android.graphics.Color)	4286217626 (0xFF7A7D9A)
YUV	127.4090, 13.1094, -4.7437
Hunter-Lab	45.9760, 1.8208, -11.0630

Details

The XYZ color **21.1924, 21.1379, 33.5349** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **27.9061, 30.4084, 22.8116**, and the grayscale version is **20.2730, 21.3288, 23.2271**.

A 20% lighter version of the original color is **44.9848, 45.5088, 66.0876**, and **7.7803, 7.5646, 13.8820** is the 20% darker color. If you saturate the color by 10%, you get **17.5380, 16.8134, 32.8931**, and if you desaturate by 10%, it is **25.4420, 26.1388, 34.2765**.

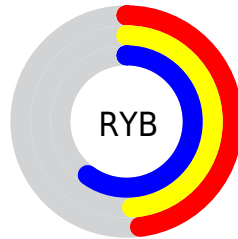
Distribution



Red (48%)

Green (49%)

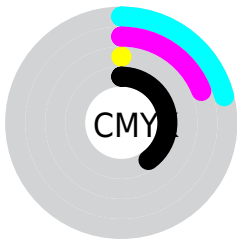
Blue (60%)



Red (48%)

Yellow (49%)

Blue (60%)

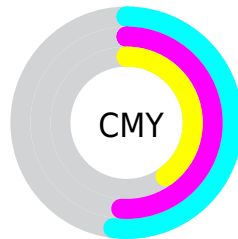


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (40%)



Cyan (52%)

Magenta (51%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1924, 21.1379, 33.5349 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 21.1924, 21.1379, 33.5349 by changing the saturation by 10% instead.

■ 21.1924, 21.1379,
33.5349

■ 21.1924, 21.1379,
33.5349

251.0116,
258.0104, 332.7588

■ 13.3780, 13.2248,
22.2621

■ 44.8964, 45.3169,
66.3353

■ 7.7681, 7.5836,
13.8494

■ 61.5167, 62.3517,
88.7000

■ 3.9975, 3.8297,
7.8785

■ 81.8029, 83.1958,
115.5991

■ 1.7007, 1.5787,
3.9306

106.1206,
108.2336, 147.4511

■ 0.4567, 0.3432,
1.5874

134.8349,
137.8496, 184.6745

■ 0.0000, 0.0000,
0.2818

168.3113,

■ 0.0000, 0.0000,

172.4282, 227.6879

0.0000

206.9151,
212.3537, 276.9098

■ 21.1924, 21.1379,
33.5349

■ 21.1924, 21.1379,
33.5349

■ 17.5380, 16.8134,
32.8931

■ 25.4420, 26.1388,
34.2765

■ 14.4502, 13.1338,
32.3456

■ 30.3095, 31.8406,
35.1206

■ 11.9012, 10.0687,
31.8884

■ 35.8193, 38.2701,
36.0712

■ 9.8598, 7.5847,
31.5165

■ 41.9933, 45.4514,
37.1319

■ 8.2919, 5.6447,
31.2247

■ 48.8528, 53.4081,
38.3062

■ 7.1589, 4.2076,
31.0070

■ 56.4181, 62.1622,
39.5971

■ 6.4162, 3.2264,
30.8568

■ 64.7084, 71.7351,
41.0080

■ 5.9959, 2.6592,
30.7695

■ 73.7424, 82.1475,
42.5416

■ 81.4467, 92.3410,
44.1031

Harmonies

Analogous

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



19.4239, 21.1379, 33.9383



21.1924, 21.1379, 33.5349



22.7487, 21.1379, 30.0803

Triad

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



21.1924, 21.1379, 33.5349



22.4262, 21.1379, 16.4613



16.9396, 21.1379, 21.1373

Complementary

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



21.1924, 21.1379, 33.5349



27.9061, 30.4084, 22.8116

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.



17.6487, 21.1379, 17.1539



21.1924, 21.1379, 33.5349



20.7730, 21.1379, 14.7307

Square

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



21.1924, 21.1379, 33.5349



23.4893, 21.1379, 20.0540



19.0283, 21.1379, 14.9642



17.0372, 21.1379, 26.2553

Rectangle

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



21.1924, 21.1379, 33.5349



23.4244, 21.1379, 26.7618



19.0283, 21.1379, 14.9642



17.0898, 21.1379, 19.6364

Sweetspot

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



21.1931, 21.1388, 33.5354



50.1933, 52.1459, 62.9560



25.1518, 29.4771, 33.5574



11.2431, 11.6649, 14.2293



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.



21.1931, 21.1388, 33.5354



35.2311, 34.5394, 60.3462



22.7523, 21.3871, 33.5011



5.9288, 6.1149, 7.7968



4.8980, 2.1926, 25.0728



0.0840, 0.0544, 0.3784

Inverse Universe

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



23.9882, 22.2704, 22.4373



41.2740, 37.0352, 36.3416



26.0874, 30.1970, 22.8666



6.2312, 6.2316, 6.5974



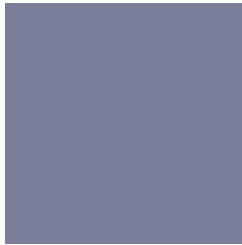
10.9310, 5.6266, 0.8959



0.1689, 0.0863, 0.0421

Previews

White Background



This preview shows how the XYZ color 21.1924, 21.1379, 33.5349 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 21.1924, 21.1379, 33.5349 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 21.1924, 21.1379, 33.5349

Background



This preview shows how black text looks on a background with the XYZ color 21.1924, 21.1379, 33.5349.



This preview shows how white text looks on a background with the XYZ color 21.1924, 21.1379,

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

21.1924, 21.1379, 33.5349

Protanopia

20.9121, 20.9934, 33.5218

Deuteranopia

21.4978, 21.1084, 33.5131



Tritanopia

19.9144, 21.1953, 27.0863

Trichromacy



Original Color

21.1924, 21.1379, 33.5349

Protanomaly

21.0515, 21.0653, 33.5283

Deuteranomaly

21.3526, 21.0335, 33.5063

Tritanomaly

20.3691, 21.1854, 29.4012

Monochromacy



Original Color

21.1924, 21.1379, 33.5349

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.4337, 21.0878, 26.6603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1924, 21.1379, 33.5349 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(122, 125, 154)` looks like.

```
.text, #text, p{  
    color:rgb(122, 125, 154)  
}
```

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(122, 125, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 125, 154) }
```

Border

The CSS property to change the border of an element to XYZ 21.1924, 21.1379, 33.5349 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(122, 125, 154) }
```


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

```
.border{ border-color:rgb(122, 125, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 125, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 125, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 125, 154);  
box-shadow:4px 4px 4px 4px rgb(122, 125,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1924, 21.1379, 33.5349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 125, 154) }
```

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

```
.background{ background-color: rgb(122,  
125, 154) }
```

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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