

Converting Colors

XYZ(21.6282, 20.9168, 24.2776)

Have a look what the booklet for
XYZ(21.6282, 20.9168, 24.2776)
contains.

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Color

**XYZ(21.5816, 20.8024,
24.3505)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7983
RGB	139, 121, 131
RGB Percent	55%, 47%, 51%
CMY	0.4549, 0.5255, 0.4863
CMYK	0.00, 0.13, 0.06, 0.45
HSL	327°, 7%, 51%
HSV	327°, 13%, 55%
XYZ	21.5816, 20.8024, 24.3505
YIQ	127.5220, 7.5180, 6.9260

Conversions

Conversions Part 2

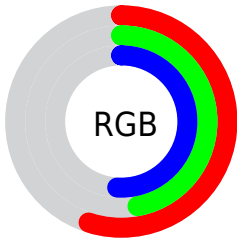
Format	Color
RYB	139, 121, 131
Decimal	9140611
CIELab	52.73, 8.78, -2.89
CIELCh	53, 9.240, 341.749
Yxy	20.8024, 0.3234, 0.3117
Android (android.graphics.Color)	4287330691 (0xFF8B7983)
YUV	127.5220, 1.7147, 10.0662
Hunter-Lab	45.6096, 4.6459, 0.2725

Details

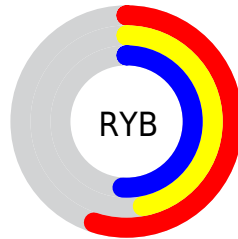
The XYZ color **21.5816, 20.8024, 24.3505** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.0811, 24.1158, 24.3138**, and the grayscale version is **20.3454, 21.4050, 23.3100**.

A 20% lighter version of the original color is **45.5876, 44.6853, 51.5698**, and **7.9602, 7.3678, 8.9852** is the 20% darker color. If you saturate the color by 10%, you get **19.6064, 17.5021, 21.6873**, and if you desaturate by 10%, it is **23.8264, 24.6014, 27.2273**.

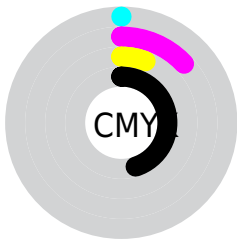
Distribution



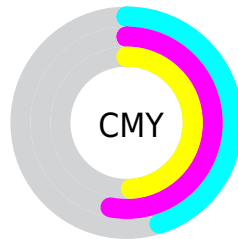
- Red (55%)
- Green (47%)
- Blue (51%)



- Red (55%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (45%)



- Cyan (45%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5816, 20.8024, 24.3505 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 21.5816, 20.8024, 24.3505 by changing the saturation by 10% instead.

■ 21.5816, 20.8024,
24.3505

■ 21.5816, 20.8024,
24.3505

253.0271,
256.2265, 287.9312

■ 13.6647, 12.9796,
15.3792

■ 45.5375, 44.7584,
51.5525

■ 7.9679, 7.4145,
8.9364

■ 62.3072, 61.6605,
70.6204

■ 4.1261, 3.7227,
4.6035

■ 82.7585, 82.3578,
93.8909

■ 1.7737, 1.5197,
1.9619

107.2568,
107.2347, 121.7825

■ 0.5018, 0.3025,
0.5317

136.1675,
136.6757, 154.7138

■ 0.0000, 0.0000,
0.0000

169.8558,

171.0650, 193.1033

208.6873,
210.7871, 237.3696

■ 21.5816, 20.8024,
24.3505

■ 21.5816, 20.8024,
24.3505

■ 19.6064, 17.5021,
21.6873

■ 23.8264, 24.6014,
27.2273

■ 17.8882, 14.6768,
19.2307

■ 26.3491, 28.9159,
30.3217

■ 16.4161, 12.3051,
16.9750

■ 29.1601, 33.7654,
33.6396

■ 15.1775, 10.3626,
14.9139

■ 32.2683, 39.1677,
37.1859

■ 14.1590, 8.8231,
13.0405

■ 35.6826, 45.1395,
40.9655

■ 13.3453, 7.6569,
11.3473

■ 39.4114, 51.6970,
44.9831

■ 12.7193, 6.8306,
9.8262

■ 43.4626, 58.8555,
49.2431

■ 12.2607, 6.3045,
8.4679

■ 47.8440, 66.6302,
53.7499

■ 11.9947, 6.0279,
7.5920

■ 52.5631, 75.0352,
58.5080

Harmonies

Analogous

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



21.0297, 20.8024, 26.8377



21.5816, 20.8024, 24.3505



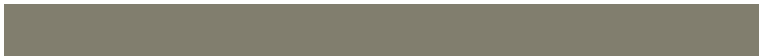
21.6392, 20.8024, 21.5884

Triad

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



21.5816, 20.8024, 24.3505



19.3977, 20.8024, 17.8488



18.4237, 20.8024, 26.3647

Complementary

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



21.5816, 20.8024, 24.3505



21.0811, 24.1158, 24.3138

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.



18.0155, 20.8024, 23.7464



21.5816, 20.8024, 24.3505



18.5656, 20.8024, 18.9228

Square

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



21.5816, 20.8024, 24.3505



20.3571, 20.8024, 17.9818



18.0666, 20.8024, 21.0311



19.1983, 20.8024, 28.0640

Rectangle

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



21.5816, 20.8024, 24.3505



21.3874, 20.8024, 19.9751



18.0666, 20.8024, 21.0311



18.2402, 20.8024, 25.5543

Sweetspot

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



21.5822, 20.8033, 24.3509



42.1857, 43.2353, 48.1523



20.5213, 20.1913, 27.2422



9.6541, 9.8496, 11.0116



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.5822, 20.8033, 24.3509



37.3934, 35.1465, 41.9436



21.0109, 20.5748, 21.3423



5.1415, 5.0920, 5.8337



10.8343, 5.4439, 6.8979



0.0794, 0.0391, 0.0847

Inverse Universe

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



21.5822, 20.8033, 24.3509



37.3934, 35.1465, 41.9436



21.6915, 24.3600, 27.5281



5.1415, 5.0920, 5.8337



10.8343, 5.4439, 6.8979



0.0794, 0.0391, 0.0847

Previews

White Background



This preview shows how the XYZ color 21.5816, 20.8024, 24.3505 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 21.5816, 20.8024, 24.3505 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 21.5816, 20.8024, 24.3505

Background



This preview shows how black text looks on a background with the XYZ color 21.5816, 20.8024, 24.3505.



This preview shows how white text looks on a background with the XYZ color 21.5816, 20.8024,

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

21.5816, 20.8024, 24.3505

Protanopia

20.2409, 20.8241, 25.5069

Deuteranopia

21.2096, 20.7920, 24.3681



Tritanopia

21.5816, 20.8024, 24.3505

Trichromacy



Original Color

21.5816, 20.8024, 24.3505

Protanomaly

20.8014, 20.9341, 25.1346

Deuteranomaly

21.3728, 20.8761, 24.3758

Tritanomaly

21.5816, 20.8024, 24.3505

Monochromacy



Original Color

21.5816, 20.8024, 24.3505

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.8118, 21.1577, 23.7558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5816, 20.8024, 24.3505 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(139, 121, 131)` looks like.

```
.text, #text, p{  
    color:rgb(139, 121, 131)  
}
```

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(139, 121, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 121, 131) }
```

Border

The CSS property to change the border of an element to XYZ 21.5816, 20.8024, 24.3505 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(139, 121, 131) }
```


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

```
.border{ border-color:rgb(139, 121, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 121, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 121, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 121, 131);  
box-shadow:4px 4px 4px 4px rgb(139, 121,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5816, 20.8024, 24.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 121, 131) }
```

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

```
.background{ background-color: rgb(139,  
121, 131) }
```

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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