

Converting Colors

XYZ(21.5427, 18.1314, 23.8370)

Have a look what the booklet for
XYZ(21.5427, 18.1314, 23.8370)
contains.

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Color

**XYZ(21.5427, 18.1314,
23.8370)**

Conversions

Conversions Part 1

Format	Color
Hex	956983
RGB	149, 105, 131
RGB Percent	58%, 41%, 51%
CMY	0.4157, 0.5882, 0.4863
CMYK	0.00, 0.30, 0.12, 0.42
HSL	325°, 17%, 50%
HSV	325°, 30%, 58%
XYZ	21.5427, 18.1314, 23.8370
YIQ	121.1200, 17.8780, 17.4140

Conversions

Conversions Part 2

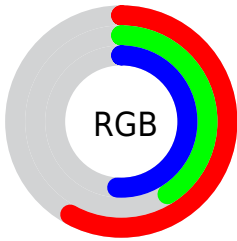
Format	Color
R_{YB}	149, 105, 131
Decimal	9791875
CIE _{Lab}	49.66, 21.86, -7.34
CIE _{LCh}	50, 23.057, 341.436
Yxy	18.1314, 0.3392, 0.2855
Android (android.graphics.Color)	4287981955 (0xFF956983)
YUV	121.1200, 4.8708, 24.4508
Hunter-Lab	42.5810, 15.7905, -3.3841

Details

The XYZ color **21.5427, 18.1314, 23.8370** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.1490, 25.9287, 22.6828**, and the grayscale version is **18.1939, 19.1414, 20.8450**.

A 20% lighter version of the original color is **45.6105, 40.4120, 50.7438**, and **7.9159, 6.0768, 8.7384** is the 20% darker color. If you saturate the color by 10%, you get **19.7550, 15.1977, 21.2624**, and if you desaturate by 10%, it is **23.6217, 21.6083, 26.6290**.

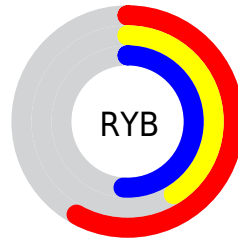
Distribution



Red (58%)

Green (41%)

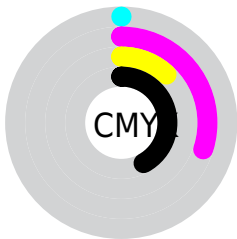
Blue (51%)



Red (58%)

Yellow (41%)

Blue (51%)

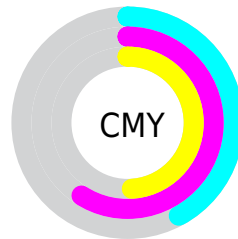


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (42%)



Cyan (42%)

Magenta (59%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5427, 18.1314, 23.8370 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 21.5427, 18.1314, 23.8370 by changing the saturation by 10% instead.

■ 21.5427, 18.1314,
23.8370

■ 21.5427, 18.1314,
23.8370

252.8262,
241.6106, 285.2553

■ 13.6360, 11.0444,
15.0017

■ 45.4735, 40.2611,
50.7046

■ 7.9479, 6.0967,
8.6739

■ 62.2283, 56.0726,
69.5739

■ 4.1132, 2.9040,
4.4352

■ 82.6632, 75.5609,
92.6250

■ 1.7664, 1.0818,
1.8670

■ 107.1435, 99.1107,
120.2763

■ 0.4973, 0.0000,
0.4716

136.0346,
127.1061, 152.9465

■ 0.0000, 0.0000,
0.0000

169.7019,

159.9316, 191.0540

208.5106,
197.9717, 235.0175

■ 21.5427, 18.1314,
23.8370

■ 21.5427, 18.1314,
23.8370

■ 19.7550, 15.1977,
21.2624

■ 23.6217, 21.6083,
26.6290

■ 18.2427, 12.7767,
18.8973

■ 26.0036, 25.6519,
29.6438

■ 16.9908, 10.8390,
16.7349

■ 28.7015, 30.2870,
32.8878

■ 15.9821, 9.3508,
14.7671

■ 31.7270, 35.5367,
36.3668

■ 15.1972, 8.2741,
12.9854

■ 35.0912, 41.4224,
40.0863

■ 14.6135, 7.5644,
11.3799

■ 38.8047, 47.9646,
44.0518

■ 14.1773, 7.1149,
9.9304

■ 42.8776, 55.1831,
48.2682

■ 14.1577, 7.0949,
9.8649

■ 47.3196, 63.0965,
52.7407

■ 52.1399, 71.7229,
57.4741

Harmonies

Analogous

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



20.1739, 18.1314, 30.2372



21.5427, 18.1314, 23.8370



21.7004, 18.1314, 17.4455

Triad

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



21.5427, 18.1314, 23.8370



16.4116, 18.1314, 10.1216



14.2645, 18.1314, 28.8498

Complementary

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



21.5427, 18.1314, 23.8370



20.1490, 25.9287, 22.6828

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.



13.4257, 18.1314, 22.2317



21.5427, 18.1314, 23.8370



14.5934, 18.1314, 12.0089

Square

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



21.5427, 18.1314, 23.8370



18.6094, 18.1314, 10.3723



13.5408, 18.1314, 16.1451



15.9268, 18.1314, 33.5279

Rectangle

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



21.5427, 18.1314, 23.8370



21.0829, 18.1314, 14.0951



13.5408, 18.1314, 16.1451



13.8835, 18.1314, 26.7256

Sweetspot

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



21.5432, 18.1322, 23.8374



46.7262, 46.2076, 53.2817



18.5884, 16.4555, 30.6305



10.2216, 10.0122, 11.6431



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.5432, 18.1322, 23.8374



36.5413, 29.1119, 39.7935



20.2285, 17.6063, 16.9143



5.9359, 5.8694, 6.7686



11.9306, 5.9773, 8.3814



0.1607, 0.0790, 0.1799

Inverse Universe

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



21.5432, 18.1322, 23.8374



36.5413, 29.1119, 39.7935



21.6537, 26.5305, 30.6066



5.9359, 5.8694, 6.7686



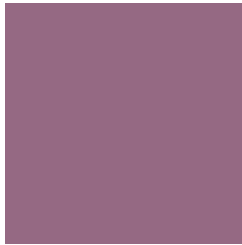
11.9306, 5.9773, 8.3814



0.1607, 0.0790, 0.1799

Previews

White Background



This preview shows how the XYZ color 21.5427, 18.1314, 23.8370 looks on a white background.

Color Contrast Check

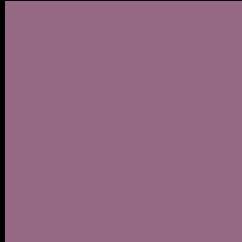
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.5427, 18.1314, 23.8370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

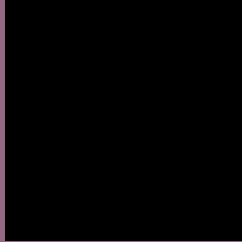
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5427, 18.1314, 23.8370

Background



This preview shows how black text looks on a background with the XYZ color 21.5427, 18.1314, 23.8370.



This preview shows how white text looks on a background with the XYZ color 21.5427, 18.1314,

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

21.5427, 18.1314, 23.8370

Protanopia

17.9609, 18.1641, 26.9855

Deuteranopia

18.5506, 18.2064, 23.3053



Tritanopia

20.5476, 18.1891, 18.9509

Trichromacy



Original Color

21.5427, 18.1314, 23.8370

Protanomaly

19.1015, 18.0999, 25.7794

Deuteranomaly

19.5452, 18.0489, 23.5727

Tritanomaly

20.9216, 18.1918, 20.4978

Monochromacy



Original Color

21.5427, 18.1314, 23.8370

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.1925, 18.5674, 21.9744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5427, 18.1314, 23.8370 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(149, 105, 131)` looks like.

```
.text, #text, p{  
    color:rgb(149, 105, 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(149, 105, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 105, 131) }
```

Border

The CSS property to change the border of an element to XYZ 21.5427, 18.1314, 23.8370 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(149, 105, 131) }
```


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

```
.border{ border-color:rgb(149, 105, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 105, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 105, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 105, 131);  
box-shadow:4px 4px 4px 4px rgb(149, 105,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5427, 18.1314, 23.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 105, 131) }
```

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

```
.background{ background-color: rgb(149,  
105, 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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