

Converting Colors

XYZ(21.4649, 19.5381, 29.4513)

Have a look what the booklet for
XYZ(21.4649, 19.5381, 29.4513)
contains.

XYZ(21.5581, 19.6242, 29.4397)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.5581, 19.6242,
29.4397)**

Conversions

Conversions Part 1

Format	Color
Hex	897391
RGB	137, 115, 145
RGB Percent	54%, 45%, 57%
CMY	0.4627, 0.5490, 0.4314
CMYK	0.06, 0.21, 0.00, 0.43
HSL	284°, 12%, 51%
HSV	284°, 21%, 57%
XYZ	21.5581, 19.6242, 29.4397
YIQ	124.9980, 3.4820, 13.9940

Conversions

Conversions Part 2

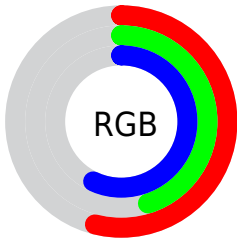
Format	Color
R_{YB}	137, 115, 145
Decimal	9008017
CIE _{Lab}	51.41, 14.37, -13.10
CIE _{LCh}	51, 19.445, 317.634
Yxy	19.6242, 0.3053, 0.2779
Android (android.graphics.Color)	4287198097 (0xFF897391)
YUV	124.9980, 9.8610, 10.5258
Hunter-Lab	44.2992, 9.3430, -8.3926

Details

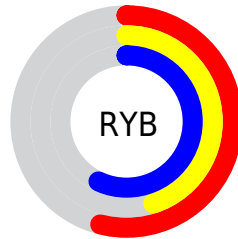
The XYZ color **21.5581, 19.6242, 29.4397** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.3891, 25.7001, 20.0540**, and the grayscale version is **19.4599, 20.4733, 22.2955**.

A 20% lighter version of the original color is **45.6134, 42.8373, 59.8972**, and **8.0032, 6.8668, 11.7301** is the 20% darker color. If you saturate the color by 10%, you get **19.4105, 16.2530, 28.9025**, and if you desaturate by 10%, it is **23.9897, 23.5290, 30.0655**.

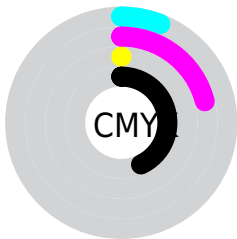
Distribution



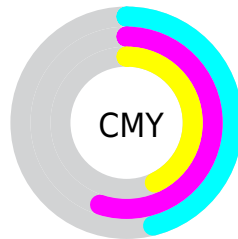
- Red (54%)
- Green (45%)
- Blue (57%)



- Red (54%)
- Yellow (45%)
- Blue (57%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (43%)



- Cyan (46%)
- Magenta (55%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5581, 19.6242, 29.4397 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 21.5581, 19.6242, 29.4397 by changing the saturation by 10% instead.

■ 21.5581, 19.6242,
29.4397

■ 21.5581, 19.6242,
29.4397

252.9058,
249.8734, 313.4096

■ 13.6473, 12.1222,
19.1653

■ 45.4989, 42.7862,
59.8255

■ 7.9559, 6.8269,
11.6117

■ 62.2596, 59.2150,
80.7738

■ 4.1183, 3.3541,
6.3606

■ 82.7010, 79.3882,
106.1173

■ 1.7693, 1.3193,
2.9932

■ 107.1884,
103.6901, 136.2744

■ 0.4990, 0.1561,
1.0912

136.0872,
132.5052, 171.6636

■ 0.0000, 0.0000,
0.0000

169.7628,

166.2178, 212.7035

208.5806,
205.2124, 259.8127

■ 21.5581, 19.6242,
29.4397

■ 21.5581, 19.6242,
29.4397

■ 19.4105, 16.2530,
28.9025

■ 23.9897, 23.5290,
30.0655

■ 17.5328, 13.3885,
28.4485

■ 26.7151, 27.9876,
30.7825

■ 15.9123, 11.0053,
28.0739

■ 29.7457, 33.0224,
31.5946

■ 14.5343, 9.0745,
27.7739

■ 33.0920, 38.6536,
32.5051

■ 13.3828, 7.5644,
27.5431

■ 36.7636, 44.9006,
33.5174

■ 12.4396, 6.4390,
27.3756

■ 40.7700, 51.7817,
34.6344

■ 11.6833, 5.6559,
27.2643

■ 45.1202, 59.3146,
35.8592

■ 11.0942, 5.1289,
27.1936

■ 49.8228, 67.5163,
37.1944

■ 54.8861, 76.4030,
38.6428

Harmonies

Analogous

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



19.8098, 19.6242, 33.3043



21.5581, 19.6242, 29.4397



22.5544, 19.6242, 23.7474

Triad

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



21.5581, 19.6242, 29.4397



19.4657, 19.6242, 12.5103



15.3062, 19.6242, 24.7838

Complementary

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



21.5581, 19.6242, 29.4397



21.3891, 25.7001, 20.0540

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.



15.2283, 19.6242, 19.1520



21.5581, 19.6242, 29.4397



17.5406, 19.6242, 12.6898

Square

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



21.5581, 19.6242, 29.4397



21.2911, 19.6242, 14.3826



16.0199, 19.6242, 14.9247



16.2409, 19.6242, 30.3113

Rectangle

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



21.5581, 19.6242, 29.4397



22.6154, 19.6242, 19.9741



16.0199, 19.6242, 14.9247



15.1814, 19.6242, 22.8241

Sweetspot

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



21.5587, 19.6250, 29.4401



45.1219, 45.6541, 54.4075



19.3270, 19.9804, 29.6263



9.9777, 10.0579, 12.0877



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.5587, 19.6250, 29.4401



36.6867, 32.1101, 52.2378



22.4321, 20.1316, 26.9390



5.4879, 5.4397, 6.7895



9.5411, 4.4122, 23.3259



0.1121, 0.0530, 0.2240

Inverse Universe

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



21.3837, 19.7122, 21.4177



36.3559, 32.3221, 34.9407



20.6783, 25.2890, 22.0426



5.4643, 5.4462, 5.9429



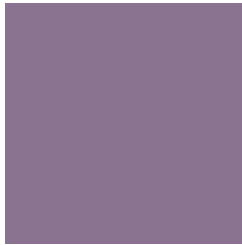
10.3349, 5.2910, 2.1490



0.1069, 0.0538, 0.0633

Previews

White Background



This preview shows how the XYZ color 21.5581, 19.6242, 29.4397 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 21.5581, 19.6242, 29.4397 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 21.5581, 19.6242, 29.4397

Background



This preview shows how black text looks on a background with the XYZ color 21.5581, 19.6242, 29.4397.



This preview shows how white text looks on a background with the XYZ color 21.5581, 19.6242,

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

21.5581, 19.6242, 29.4397

Protanopia

19.4646, 19.5577, 31.1829

Deuteranopia

20.0627, 19.7316, 29.1367



Tritanopia

20.1407, 19.5575, 22.7921

Trichromacy



Original Color

21.5581, 19.6242, 29.4397

Protanomaly

20.2543, 19.6169, 30.7359

Deuteranomaly

20.5657, 19.6376, 29.0921

Tritanomaly

20.6560, 19.5947, 25.2477

Monochromacy



Original Color

21.5581, 19.6242, 29.4397

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.0555, 20.0078, 24.6347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5581, 19.6242, 29.4397 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(137, 115, 145)` looks like.

```
.text, #text, p{  
    color:rgb(137, 115, 145)  
}
```

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(137, 115, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 115, 145) }
```

Border

The CSS property to change the border of an element to XYZ 21.5581, 19.6242, 29.4397 is called "border". The border property can be set on classes, ids or directly on the HTML element.

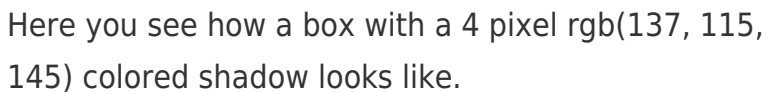
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 115, 145) }
```


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

```
.border{ border-color:rgb(137, 115, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 115, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 115, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 115, 145); box-shadow:4px 4px 4px 4px rgb(137, 115, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5581, 19.6242, 29.4397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 115, 145) }
```

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

```
.background{ background-color: rgb(137,  
115, 145) }
```

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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