

Converting Colors

XYZ(21.2879, 16.5672, 20.0333)

Have a look what the booklet for
XYZ(21.2879, 16.5672, 20.0333)
contains.

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Color

**XYZ(21.3585, 16.5540,
20.1587)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5E79
RGB	157, 94, 121
RGB Percent	62%, 37%, 47%
CMY	0.3843, 0.6314, 0.5255
CMYK	0.00, 0.40, 0.23, 0.38
HSL	334°, 25%, 49%
HSV	334°, 40%, 62%
XYZ	21.3585, 16.5540, 20.1587
YIQ	115.9150, 28.8810, 21.7530

Conversions

Conversions Part 2

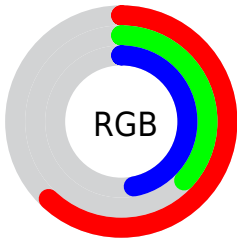
Format	Color
R_{YB}	157, 94, 121
Decimal	10313337
CIE _{Lab}	47.69, 29.44, -4.17
CIE _{LCh}	48, 29.737, 351.932
Yxy	16.5540, 0.3678, 0.2851
Android (android.graphics.Color)	4288503417 (0xFF9D5E79)
YUV	115.9150, 2.5069, 36.0315
Hunter-Lab	40.6866, 22.5023, -0.8954

Details

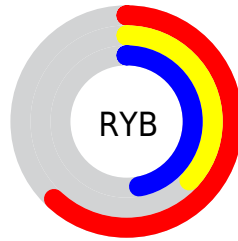
The XYZ color **21.3585, 16.5540, 20.1587** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.7031, 28.1057, 25.4542**, and the grayscale version is **16.5613, 17.4237, 18.9744**.

A 20% lighter version of the original color is **45.2623, 37.7210, 44.4305**, and **7.8885, 5.3781, 6.9256** is the 20% darker color. If you saturate the color by 10%, you get **19.5769, 13.8307, 16.9754**, and if you desaturate by 10%, it is **23.4762, 19.8673, 23.7069**.

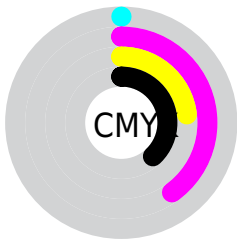
Distribution



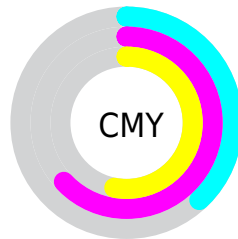
- Red (62%)
- Green (37%)
- Blue (47%)



- Red (62%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (38%)



- Cyan (38%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3585, 16.5540, 20.1587 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 21.3585, 16.5540, 20.1587 by changing the saturation by 10% instead.

■ 21.3585, 16.5540,
20.1587

■ 21.3585, 16.5540,
20.1587

251.8734,
232.5889, 265.4056

■ 13.5003, 9.9170,
12.3252

■ 45.1702, 37.5573,
44.5456

■ 7.8533, 5.3440,
6.8404

■ 61.8544, 52.6925,
61.9360

■ 4.0522, 2.4505,
3.2855

■ 82.2113, 71.4291,
83.3493

■ 1.7317, 0.8517,
1.2422

■ 106.6062, 94.1517,
109.2038

■ 0.4760, 0.0000,
0.0137

135.4045,
121.2446, 139.9181

■ 0.0000, 0.0000,
0.0000

168.9716,

153.0921, 175.9108

207.6728,
190.0788, 217.6005

■ 21.3585, 16.5540,
20.1587

■ 21.3585, 16.5540,
20.1587

■ 19.5769, 13.8307,
16.9754

■ 23.4762, 19.8673,
23.7069

■ 18.1114, 11.6599,
14.1429

■ 25.9457, 23.8004,
27.6313

■ 16.9415, 10.0032,
11.6476


■ 28.7836, 28.3841,
31.9439


■ 16.0442, 8.8165,
9.4740


■ 32.0048, 33.6464,
36.6559


■ 15.3921, 8.0479,
7.6054


■ 35.6235, 39.6136,
41.7778

 14.9262, 7.5767,
6.0303

 39.6530, 46.3105,
47.3199

 44.1060, 53.7609,
53.2920

 48.9948, 61.9874,
59.7036

 54.3311, 71.0116,
66.5637

Harmonies

Analogous

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



20.1122, 16.5540, 28.6444



21.3585, 16.5540, 20.1587



20.9693, 16.5540, 13.0900

Triad

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



21.3585, 16.5540, 20.1587



13.9007, 16.5540, 7.5679



12.7874, 16.5540, 32.1844

Complementary

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



21.3585, 16.5540, 20.1587



20.7031, 28.1057, 25.4542

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.



11.4519, 16.5540, 24.0653



21.3585, 16.5540, 20.1587



12.0424, 16.5540, 10.4195

Square

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



21.3585, 16.5540, 20.1587



16.4626, 16.5540, 7.0665



11.1954, 16.5540, 16.0465



15.0273, 16.5540, 36.7564

Rectangle

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



21.3585, 16.5540, 20.1587



19.8524, 16.5540, 9.9035



11.1954, 16.5540, 16.0465



12.2288, 16.5540, 29.6867

Sweetspot

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



21.3590, 16.5548, 20.1590



50.4218, 49.0046, 55.5226



19.2492, 15.1628, 33.8105



10.9595, 10.5636, 12.0133



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.



21.3590, 16.5548, 20.1590



35.4128, 25.3014, 31.0519



20.3120, 16.7499, 12.7532



6.7451, 6.6910, 7.5090



12.1407, 6.1608, 4.9919



0.2378, 0.1185, 0.1986

Inverse Universe

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



21.3590, 16.5548, 20.1590



35.4128, 25.3014, 31.0519



22.0609, 27.5314, 36.0497



6.7451, 6.6910, 7.5090



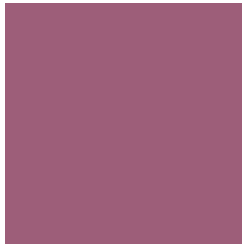
12.1407, 6.1608, 4.9919



0.2378, 0.1185, 0.1986

Previews

White Background



This preview shows how the XYZ color 21.3585, 16.5540, 20.1587 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 21.3585, 16.5540, 20.1587 looks on a black 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

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

XYZ 21.3585, 16.5540, 20.1587

Background



This preview shows how black text looks on a background with the XYZ color 21.3585, 16.5540, 20.1587.



This preview shows how white text looks on a background with the XYZ color 21.3585, 16.5540,

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

21.3585, 16.5540, 20.1587

Protanopia

16.5692, 16.8187, 24.5633

Deuteranopia

16.8720, 16.5974, 19.4539



Tritanopia

20.2910, 16.5174, 15.2154

Trichromacy



Original Color

21.3585, 16.5540, 20.1587

Protanomaly

17.8689, 16.4051, 22.9936

Deuteranomaly

18.2718, 16.3834, 19.6521

Tritanomaly

20.7076, 16.5595, 16.8567

Monochromacy



Original Color

21.3585, 16.5540, 20.1587

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.9926, 16.8584, 19.4452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3585, 16.5540, 20.1587 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(157, 94, 121)` looks like.

```
.text, #text, p{  
    color:rgb(157, 94, 121)  
}
```

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(157, 94, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 94, 121) }
```

Border

The CSS property to change the border of an element to XYZ 21.3585, 16.5540, 20.1587 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(157, 94, 121) }
```


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

```
.border{ border-color:rgb(157, 94, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 94, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 94, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 94, 121);  
box-shadow:4px 4px 4px 4px rgb(157, 94,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3585, 16.5540, 20.1587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 94, 121) }
```

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

```
.background{ background-color: rgb(157, 94,  
121) }
```

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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