

Converting Colors

XYZ(21.4440, 15.4536, 23.0581)

Have a look what the booklet for
XYZ(21.4440, 15.4536, 23.0581)
contains.

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Color

**XYZ(21.3783, 15.3778,
22.9605)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5582
RGB	158, 85, 130
RGB Percent	62%, 33%, 51%
CMY	0.3804, 0.6667, 0.4902
CMYK	0.00, 0.46, 0.18, 0.38
HSL	323°, 30%, 48%
HSV	323°, 46%, 62%
XYZ	21.3783, 15.3778, 22.9605
YIQ	111.9570, 29.0630, 29.4710

Conversions

Conversions Part 2

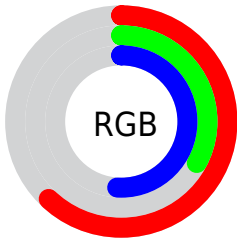
Format	Color
R_{YB}	158, 85, 130
Decimal	10376578
CIE _{Lab}	46.15, 36.20, -11.89
CIE _{LCh}	46, 38.102, 341.813
Yxy	15.3778, 0.3580, 0.2575
Android (android.graphics.Color)	4288566658 (0xFF9E5582)
YUV	111.9570, 8.8952, 40.3797
Hunter-Lab	39.2145, 28.6861, -7.2647

Details

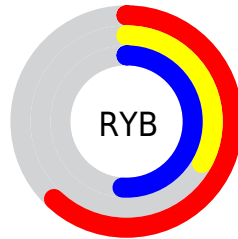
The XYZ color **21.3783, 15.3778, 22.9605** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.9545, 27.5777, 19.9481**, and the grayscale version is **15.3577, 16.1575, 17.5955**.

A 20% lighter version of the original color is **45.2245, 35.6064, 49.2889**, and **7.9119, 4.7994, 8.2940** is the 20% darker color. If you saturate the color by 10%, you get **19.8756, 13.0043, 20.5113**, and if you desaturate by 10%, it is **23.1836, 18.3179, 25.6291**.

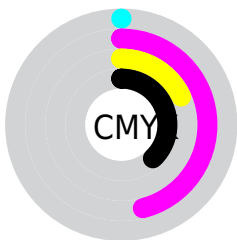
Distribution



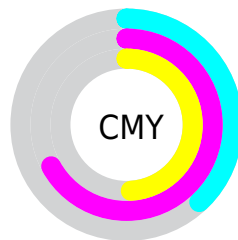
- Red (62%)
- Green (33%)
- Blue (51%)



- Red (62%)
- Yellow (33%)
- Blue (51%)



- Cyan (0%)
- Magenta (46%)
- Yellow (18%)
- Black (38%)





- Cyan (38%)
- Magenta (67%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3783, 15.3778, 22.9605 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 21.3783, 15.3778, 22.9605 by changing the saturation by 10% instead.


 21.3783, 15.3778,
22.9605


 21.3783, 15.3778,
22.9605


251.9760,
225.6417, 280.6374


 13.5148, 9.0850,
14.3593


 45.2028, 35.5146,
49.2508

 7.8634, 4.7966,
8.2294


 61.8946, 50.1274,
67.7771


 4.0588, 2.1284,
4.1522

 82.2599, 68.2822,
90.4487

 1.7354, 0.6806,
1.7092

 106.6640, 90.3635,
117.6844

 0.4783, 0.0000,
0.3670

 135.4723,
116.7558, 149.9025

 0.0000, 0.0000,
0.0000

169.0502,

147.8433, 187.5217

207.7630,
184.0104, 230.9605

■ 21.3783, 15.3778,
22.9605

■ 21.3783, 15.3778,
22.9605

■ 19.8756, 13.0043,
20.5113

■ 23.1836, 18.3179,
25.6291

■ 18.6551, 11.1575,
18.2723

■ 25.3075, 21.8564,
28.5239

■ 17.6957, 9.7960,
16.2345

■ 27.7666, 26.0255,
31.6526

■ 16.9728, 8.8711,
14.3875

■ 30.5756, 30.8543,
35.0220

■ 16.4514, 8.3137,
12.7176

■ 33.7487, 36.3704,
38.6385

■ 16.2767, 8.1396,
12.1191

■ 37.2989, 42.5993,
42.5084

■ 41.2387, 49.5657,
46.6376

■ 45.5803, 57.2929,
51.0317

■ 50.3348, 65.8030,
55.6963

Harmonies

Analogous

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



19.1811, 15.3778, 33.8970



21.3783, 15.3778, 22.9605



21.6104, 15.3778, 13.3468

Triad

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



21.3783, 15.3778, 22.9605



13.3761, 15.3778, 4.6394



10.4430, 15.3778, 31.6990

Complementary

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



21.3783, 15.3778, 22.9605



18.9545, 27.5777, 19.9481

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.



9.3218, 15.3778, 20.6733



21.3783, 15.3778, 22.9605



10.8398, 15.3778, 6.6475

Square

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



21.3783, 15.3778, 22.9605



16.6505, 15.3778, 4.8613



9.4554, 15.3778, 11.7646



12.7546, 15.3778, 40.0922

Rectangle

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



21.3783, 15.3778, 22.9605



20.5825, 15.3778, 8.9825



9.4554, 15.3778, 11.7646



9.9310, 15.3778, 28.0353

Sweetspot

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



21.3788, 15.3785, 22.9608



51.3562, 48.8565, 58.6251



16.2287, 12.4761, 33.9007



11.3551, 10.6331, 12.9431



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.3788, 15.3785, 22.9608



36.1249, 23.6636, 37.3017



19.3484, 14.5664, 12.2690



6.7962, 6.7114, 7.7780



13.0556, 6.5268, 9.8095



0.2536, 0.1248, 0.2815

Inverse Universe

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



21.3788, 15.3785, 22.9608



36.1249, 23.6636, 37.3017



21.4372, 28.5708, 33.0217



6.7962, 6.7114, 7.7780



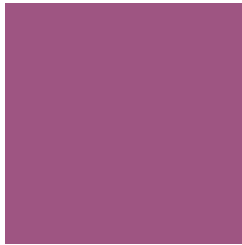
13.0556, 6.5268, 9.8095



0.2536, 0.1248, 0.2815

Previews

White Background



This preview shows how the XYZ color 21.3783, 15.3778, 22.9605 looks on a white background.

Color Contrast Check

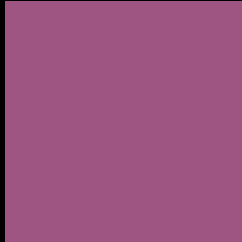
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3783, 15.3778, 22.9605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

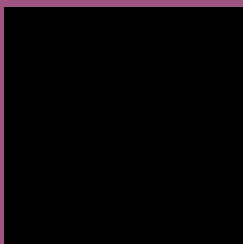
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.3783, 15.3778, 22.9605

Background



This preview shows how black text looks on a background with the XYZ color 21.3783, 15.3778, 22.9605.



This preview shows how white text looks on a background with the XYZ color 21.3783, 15.3778,

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

21.3783, 15.3778, 22.9605

Protanopia

15.7746, 15.4844, 29.7611

Deuteranopia

15.8336, 15.5325, 21.9022



Tritanopia

19.4633, 15.3326, 13.4889

Trichromacy



Original Color

21.3783, 15.3778, 22.9605

Protanomaly

17.1106, 15.0305, 27.1987

Deuteranomaly

17.3459, 15.1231, 22.0835

Tritanomaly

20.0972, 15.3385, 16.6532

Monochromacy



Original Color

21.3783, 15.3778, 22.9605

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.1344, 15.5018, 19.5418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3783, 15.3778, 22.9605 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(158, 85, 130)` looks like.

```
.text, #text, p{  
    color:rgb(158, 85, 130)  
}
```

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(158, 85, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 85, 130) }
```

Border

The CSS property to change the border of an element to XYZ 21.3783, 15.3778, 22.9605 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(158, 85, 130) }
```


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

```
.border{ border-color:rgb(158, 85, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 85, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 85, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 85, 130);  
box-shadow:4px 4px 4px 4px rgb(158, 85,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3783, 15.3778, 22.9605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 85, 130) }
```

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

```
.background{ background-color: rgb(158, 85,  
130) }
```

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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