

Converting Colors

XYZ(20.1510, 14.9559, 13.3800)

Have a look what the booklet for
XYZ(20.1510, 14.9559, 13.3800)
contains.

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Color

**XYZ(20.1510, 14.9559,
13.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	A15562
RGB	161, 85, 98
RGB Percent	63%, 33%, 38%
CMY	0.3686, 0.6666, 0.6157
CMYK	0.00, 0.47, 0.39, 0.37
HSL	350°, 31%, 48%
HSV	350°, 47%, 63%
XYZ	20.1510, 14.9559, 13.3800
YIQ	109.2060, 41.1230, 20.1550

Conversions

Conversions Part 2

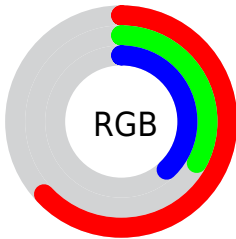
Format	Color
R_{YB}	161, 85, 98
Decimal	10573154
CIE _{Lab}	45.57, 32.74, 6.73
CIE _{LCh}	46, 33.422, 11.615
Yxy	14.9559, 0.4156, 0.3085
Android (android.graphics.Color)	4288763234 (0xFFA15562)
YUV	109.2060, -5.5246, 45.4233
Hunter-Lab	38.6729, 25.3323, 6.5579

Details

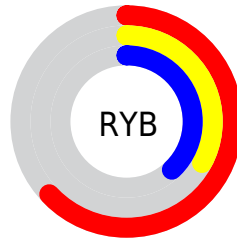
The XYZ color **20.1510, 14.9559, 13.3800** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8372, 29.5594, 32.5731**, and the grayscale version is **14.6017, 15.3622, 16.7294**.

A 20% lighter version of the original color is **43.1424, 34.6837, 32.8545**, and **7.1946, 4.5739, 3.7525** is the 20% darker color. If you saturate the color by 10%, you get **18.4461, 12.4720, 9.9576**, and if you desaturate by 10%, it is **22.2502, 18.0601, 17.4527**.

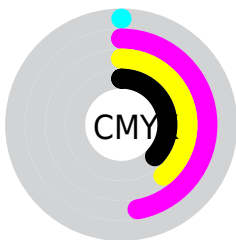
Distribution



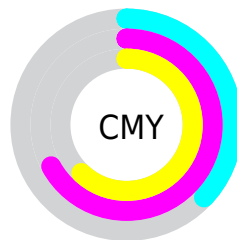
- Red (63%)
- Green (33%)
- Blue (38%)



- Red (63%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (39%)
- Black (37%)



- Cyan (37%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1510, 14.9559, 13.3800 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 20.1510, 14.9559, 13.3800 by changing the saturation by 10% instead.

■ 20.1510, 14.9559,
13.3800

■ 20.1510, 14.9559,
13.3800

245.5494,
223.0991, 224.6316

■ 12.6138, 8.7884,
7.5569

■ 43.1722, 34.7758,
32.6859

■ 7.2383, 4.6034,
3.7291

■ 59.3869, 49.1970,
47.0059

■ 3.6592, 2.0165,
1.4779

■ 79.2248, 67.1383,
64.9952

■ 1.5112, 0.6170,
0.2014

■ 103.0512, 88.9840,
87.0725

■ 0.3334, 0.0000,
0.0000

■ 131.2315,
115.1186, 113.6562

■ 0.0000, 0.0000,
0.0000

164.1311,

145.9263, 145.1650

202.1153,
181.7917, 182.0172

■ 20.1510, 14.9559,
13.3800

■ 20.1510, 14.9559,
13.3800

■ 18.4461, 12.4720,
9.9576

■ 22.2502, 18.0601,
17.4527

■ 17.1093, 10.5644,
7.1504

■ 24.7652, 21.8203,
22.2062

■ 16.1130, 9.1870,
4.9217


■ 27.7176, 26.2718,
27.6704


■ 15.4251, 8.2855,
3.2301


■ 31.1269, 31.4472,
33.8728


■ 14.9976, 7.7752,
2.0252


■ 35.0116, 37.3767,
40.8398

 14.9019, 7.6587,
1.7624

 39.3890, 44.0888,
48.5961

 44.2756, 51.6108,
57.1657

 49.6872, 59.9682,
66.5712

 55.6389, 69.1859,
76.8346

Harmonies

Analogous

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



19.9446, 14.9559, 21.6329



20.1510, 14.9559, 13.3800



18.6200, 14.9559, 8.0569

Triad

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



20.1510, 14.9559, 13.3800



10.9386, 14.9559, 7.2800



12.5877, 14.9559, 35.6741

Complementary

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



20.1510, 14.9559, 13.3800



21.8372, 29.5594, 32.5731

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.



10.5663, 14.9559, 28.7832



20.1510, 14.9559, 13.3800



9.7037, 14.9559, 11.8993

Square

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



20.1510, 14.9559, 13.3800



13.1611, 14.9559, 5.3874



9.5770, 14.9559, 19.5814



15.3240, 14.9559, 36.4729

Rectangle

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



20.1510, 14.9559, 13.3800



16.9240, 14.9559, 6.1551



9.5770, 14.9559, 19.5814



11.8119, 14.9559, 33.9092

Sweetspot

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



20.1514, 14.9567, 13.3803



51.3482, 49.6379, 52.6808



21.7266, 15.2802, 35.5223



11.0007, 10.4914, 11.0771



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.



20.1514, 14.9567, 13.3803



32.8022, 21.9998, 17.3538



21.8139, 19.1852, 11.1487



7.1209, 7.1048, 7.6232



11.9128, 6.1212, 1.4652



0.2634, 0.1338, 0.0996

Inverse Universe

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



20.1514, 14.9567, 13.3803



32.8022, 21.9998, 17.3538



19.1161, 22.3775, 37.0298



7.1209, 7.1048, 7.6232



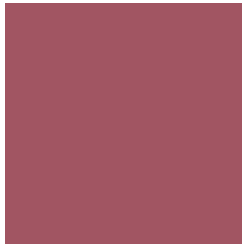
11.9128, 6.1212, 1.4652



0.2634, 0.1338, 0.0996

Previews

White Background



This preview shows how the XYZ color 20.1510, 14.9559, 13.3800 looks on a white background.

Color Contrast Check

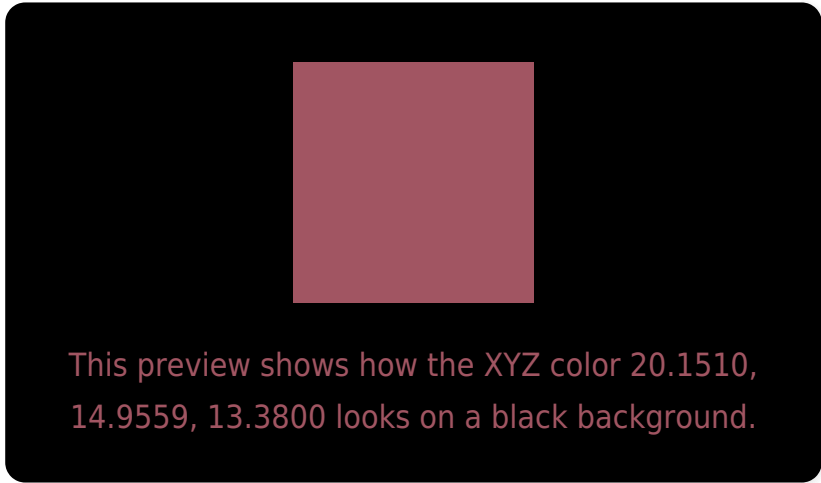
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

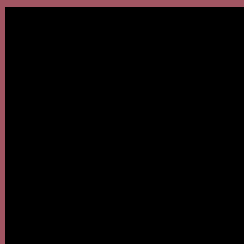
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.1510, 14.9559, 13.3800

Background



This preview shows how black text looks on a background with the XYZ color 20.1510, 14.9559, 13.3800.



This preview shows how white text looks on a background with the XYZ color 20.1510, 14.9559,

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

20.1510, 14.9559, 13.3800

Protanopia

14.6622, 15.1878, 17.1977

Deuteranopia

15.3281, 15.0119, 12.9162



Tritanopia

19.9575, 15.0054, 11.9697

Trichromacy



Original Color

20.1510, 14.9559, 13.3800

Protanomaly

16.2120, 14.8221, 15.6422

Deuteranomaly

16.7025, 14.7123, 13.0258

Tritanomaly

20.0461, 15.0408, 12.4363

Monochromacy



Original Color

20.1510, 14.9559, 13.3800

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.0091, 14.7235, 15.3627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1510, 14.9559, 13.3800 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(161, 85, 98)` looks like.

```
.text, #text, p{  
    color:rgb(161, 85, 98)  
}
```

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(161, 85, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 85, 98) }
```

Border

The CSS property to change the border of an element to XYZ 20.1510, 14.9559, 13.3800 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(161, 85, 98) }
```


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

```
.border{ border-color:rgb(161, 85, 98) }
```

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

Here you see how a box with a 4 pixel rgb(161, 85, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 85, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 85, 98);  
box-shadow:4px 4px 4px 4px rgb(161, 85,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1510, 14.9559, 13.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 85, 98) }
```

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

```
.background{ background-color: rgb(161, 85,  
98) }
```

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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