

Converting Colors

XYZ(18.1431, 13.2744, 11.3930)

Have a look what the booklet for
XYZ(18.1431, 13.2744, 11.3930)
contains.

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Color

**XYZ(18.2019, 13.3159,
11.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	9B4F5B
RGB	155, 79, 91
RGB Percent	61%, 31%, 36%
CMY	0.3922, 0.6902, 0.6431
CMYK	0.00, 0.49, 0.41, 0.39
HSL	351°, 32%, 46%
HSV	351°, 49%, 61%
XYZ	18.2019, 13.3159, 11.5084
YIQ	103.0920, 41.4440, 19.8440

Conversions

Conversions Part 2

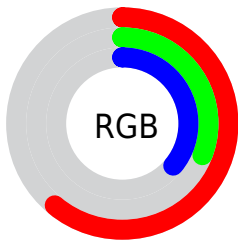
Format	Color
R_{YB}	155, 79, 91
Decimal	10178395
CIE Lab	43.24, 32.88, 7.57
CIE LCh	43, 33.736, 12.964
Yxy	13.3159, 0.4230, 0.3095
Android (android.graphics.Color)	4288368475 (0xFF9B4F5B)
YUV	103.0920, -5.9614, 45.5233
Hunter-Lab	36.4910, 25.1777, 6.8450

Details

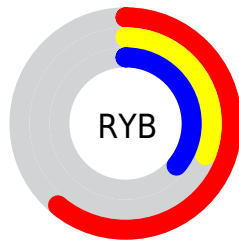
The XYZ color **18.2019, 13.3159, 11.5084** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.9045, 27.0885, 30.1679**, and the grayscale version is **12.9245, 13.5976, 14.8077**.

A 20% lighter version of the original color is **39.9417, 31.8854, 29.2486**, and **6.3242, 3.8925, 3.0028** is the 20% darker color. If you saturate the color by 10%, you get **16.6964, 11.1291, 8.4659**, and if you desaturate by 10%, it is **20.0667, 16.0646, 15.1542**.

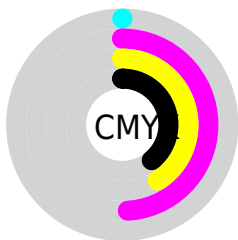
Distribution



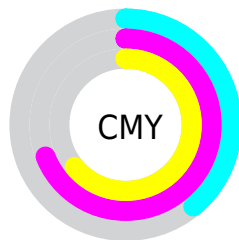
- Red (61%)
- Green (31%)
- Blue (36%)



- Red (61%)
- Yellow (31%)
- Blue (36%)



- Cyan (0%)
- Magenta (49%)
- Yellow (41%)
- Black (39%)



- Cyan (39%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2019, 13.3159, 11.5084 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 18.2019, 13.3159, 11.5084 by changing the saturation by 10% instead.

■ 18.2019, 13.3159,
11.5084

■ 18.2019, 13.3159,
11.5084

235.0302,
212.9324, 211.9841

■ 11.1956, 7.6464,
6.2914

■ 39.9084, 31.8702,
29.2474

■ 6.2668, 3.8696,
2.9514

■ 55.3394, 45.5237,
42.6065

■ 3.0502, 1.6009,
1.0699

■ 74.3093, 62.6075,
59.5168

■ 1.1804, 0.3582,
0.0000

■ 97.1835, 83.5058,
80.3968

■ 0.0908, 0.0000,
0.0000

■ 124.3273,
108.6030, 105.6649

■ 0.0000, 0.0000,
0.0000

156.1062,

138.2836, 135.7398

192.8853,
172.9320, 171.0401

■ 18.2019, 13.3159,
11.5084

■ 18.2019, 13.3159,
11.5084

■ 16.6964, 11.1291,
8.4659

■ 20.0667, 16.0646,
15.1542

■ 15.5258, 9.4633,
5.9932

■ 22.3112, 19.4084,
19.4330

■ 14.6640, 8.2755,
4.0545

■ 24.9553, 23.3800,
24.3732


■ 14.0808, 7.5147,
2.6094

■ 28.0173, 28.0094,
30.0014


■ 13.7174, 7.0746,
1.6043


■ 31.5144, 33.3247,
36.3427

 13.6873, 7.0365,
1.5266

 35.4626, 39.3521,
43.4208

 39.8774, 46.1167,
51.2586

 44.7734, 53.6423,
59.8777

 50.1645, 61.9514,
69.2990

Harmonies

Analogous

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



18.0846, 13.3159, 19.1286



18.2019, 13.3159, 11.5084



16.6940, 13.3159, 6.7455

Triad

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



18.2019, 13.3159, 11.5084



9.5358, 13.3159, 6.3213



11.2427, 13.3159, 33.0318

Complementary

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



18.2019, 13.3159, 11.5084



19.9045, 27.0885, 30.1679

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.



9.3286, 13.3159, 26.6611



18.2019, 13.3159, 11.5084



8.4401, 13.3159, 10.6836

Square

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



18.2019, 13.3159, 11.5084



11.5639, 13.3159, 4.5206



8.3699, 13.3159, 17.9668



13.8155, 13.3159, 33.4914

Rectangle

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



18.2019, 13.3159, 11.5084



15.0765, 13.3159, 5.0971



8.3699, 13.3159, 17.9668



10.5102, 13.3159, 31.4314

Sweetspot

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



18.2023, 13.3166, 11.5086



46.6521, 44.8284, 47.2694



19.9255, 13.7396, 32.6121



10.3234, 9.7903, 10.2638



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.



18.2023, 13.3166, 11.5086



29.6373, 19.5512, 14.6151



19.9133, 17.5017, 9.7267



6.2466, 6.2378, 6.6787



11.0035, 5.6557, 1.2778



0.1733, 0.0881, 0.0657

Inverse Universe

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



18.2023, 13.3166, 11.5086



29.6373, 19.5512, 14.6151



17.0798, 19.9062, 33.9524



6.2466, 6.2378, 6.6787



11.0035, 5.6557, 1.2778



0.1733, 0.0881, 0.0657

Previews

White Background



This preview shows how the XYZ color 18.2019, 13.3159, 11.5084 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

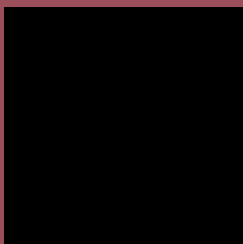
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.2019, 13.3159, 11.5084

Background



This preview shows how black text looks on a background with the XYZ color 18.2019, 13.3159, 11.5084.



This preview shows how white text looks on a background with the XYZ color 18.2019, 13.3159,

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

18.2019, 13.3159, 11.5084

Protanopia

12.9590, 13.4453, 15.0089

Deuteranopia

13.6945, 13.4798, 11.1126



Tritanopia

18.0659, 13.3778, 10.4341

Trichromacy



Original Color

18.2019, 13.3159, 11.5084

Protanomaly

14.4232, 13.1172, 13.5761

Deuteranomaly

14.9904, 13.2009, 11.2091

Tritanomaly

18.1477, 13.4105, 10.8645

Monochromacy



Original Color

18.2019, 13.3159, 11.5084

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.2809, 13.0438, 13.5694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2019, 13.3159, 11.5084 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(155, 79, 91)` looks like.

```
.text, #text, p{  
    color:rgb(155, 79, 91)  
}
```

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(155, 79, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 79, 91) }
```

Border

The CSS property to change the border of an element to XYZ 18.2019, 13.3159, 11.5084 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(155, 79, 91) }
```


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

```
.border{ border-color:rgb(155, 79, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 79, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 79, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 79, 91);  
box-shadow:4px 4px 4px 4px rgb(155, 79,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2019, 13.3159, 11.5084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 79, 91) }
```

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

```
.background{ background-color: rgb(155, 79,  
91) }
```

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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