

Converting Colors

XYZ(18.2739, 11.8113, 7.5589)

Have a look what the booklet for
XYZ(18.2739, 11.8113, 7.5589)
contains.

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Color

**XYZ(18.2351, 11.8188,
7.6235)**

Conversions

Conversions Part 1

Format	Color
Hex	A43E49
RGB	164, 62, 73
RGB Percent	64%, 24%, 29%
CMY	0.3569, 0.7568, 0.7137
CMYK	0.00, 0.62, 0.55, 0.36
HSL	354°, 45%, 44%
HSV	354°, 62%, 64%
XYZ	18.2351, 11.8188, 7.6235
YIQ	93.7520, 57.2610, 25.0450

Conversions

Conversions Part 2

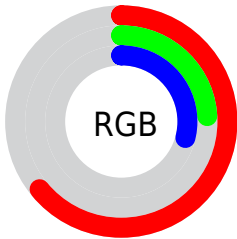
Format	Color
R_{YB}	164, 62, 73
Decimal	10763849
CIE _{Lab}	40.93, 43.00, 15.72
CIE _{LCh}	41, 45.785, 20.077
Yxy	11.8188, 0.4840, 0.3137
Android (android.graphics.Color)	4288953929 (0xFFA43E49)
YUV	93.7520, -10.2307, 61.6075
Hunter-Lab	34.3785, 34.5180, 10.9173

Details

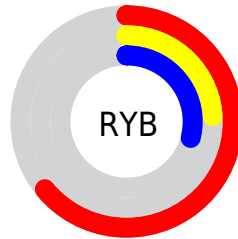
The XYZ color **18.2351, 11.8188, 7.6235** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.0126, 29.8753, 34.7983**, and the grayscale version is **10.5952, 11.1469, 12.1390**.

A 20% lighter version of the original color is **39.8999, 29.1031, 21.6037**, and **6.3086, 3.2412, 1.5214** is the 20% darker color. If you saturate the color by 10%, you get **17.0446, 10.1251, 5.1083**, and if you desaturate by 10%, it is **19.8094, 14.0977, 10.8300**.

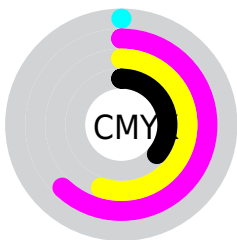
Distribution



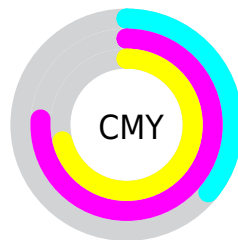
- Red (64%)
- Green (24%)
- Blue (29%)



- Red (64%)
- Yellow (24%)
- Blue (29%)



- Cyan (0%)
- Magenta (62%)
- Yellow (55%)
- Black (36%)





- Cyan (36%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.2351, 11.8188, 7.6235 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 18.2351, 11.8188, 7.6235 by changing the saturation by 10% instead.


 18.2351, 11.8188,
7.6235


 18.2351, 11.8188,
7.6235


235.2129,
203.2020, 182.5713


 11.2196, 6.6204,
3.7707


 39.9645, 29.1647,
21.7508


 6.2831, 3.2259,
1.5004


 55.4091, 42.0809,
32.8624

 3.0603, 1.2508,
0.2182

 74.3941, 58.3386,
47.2307

 1.1857, 0.1026,
0.0000

 97.2849, 78.3221,
65.2742

 0.0951, 0.0000,
0.0000

 124.4468,
102.4158, 87.4115

 0.0000, 0.0000,
0.0000

156.2452,

131.0040, 114.0611

193.0455,
164.4713, 145.6415

■ 18.2351, 11.8188,
7.6235

■ 18.2351, 11.8188,
7.6235

■ 17.0446, 10.1251,
5.1083

■ 19.8094, 14.0977,
10.8300

■ 16.2039, 8.9612,
3.2326

■ 21.7960, 17.0066,
14.7732

■ 15.6743, 8.2646,
1.9383

■ 24.2216, 20.5883,
19.4952

■ 15.4164, 7.9351,
1.2777

■ 27.1104, 24.8813,
25.0349

■ 30.4848, 29.9212,
31.4286

■ 34.3659, 35.7410,
38.7102

■ 38.7734, 42.3721,
46.9119

■ 43.7259, 49.8438,
56.0644

■ 49.2413, 58.1841,
66.1968

Harmonies

Analogous

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



18.6359, 11.8188, 16.2281



18.2351, 11.8188, 7.6235



15.7715, 11.8188, 3.4091

Triad

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



18.2351, 11.8188, 7.6235



7.0681, 11.8188, 4.4259



10.1843, 11.8188, 40.0086

Complementary

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



18.2351, 11.8188, 7.6235



21.0126, 29.8753, 34.7983

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.



7.6619, 11.8188, 32.2104



18.2351, 11.8188, 7.6235



6.1080, 11.8188, 10.0081

Square

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



18.2351, 11.8188, 7.6235



9.2100, 11.8188, 2.2826



6.3019, 11.8188, 20.0939



13.5333, 11.8188, 38.2767

Rectangle

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



18.2351, 11.8188, 7.6235



13.5153, 11.8188, 2.2773



6.3019, 11.8188, 20.0939



9.2240, 11.8188, 38.3112

Sweetspot

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



18.2354, 11.8195, 7.6237



50.8547, 47.6162, 48.5716



21.3915, 12.8113, 36.4673



10.7726, 9.8951, 9.9620



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



18.2354, 11.8195, 7.6237



30.2214, 17.3761, 7.7001



20.8432, 17.5679, 6.8507



7.1034, 7.0978, 7.5308



11.8299, 6.0880, 1.0289



0.2572, 0.1314, 0.0671

Inverse Universe

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



18.2354, 11.8195, 7.6237



30.2214, 17.3761, 7.7001



16.0091, 18.3472, 37.8195



7.1034, 7.0978, 7.5308



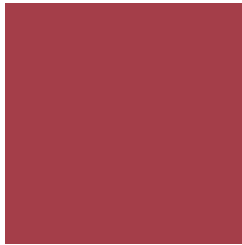
11.8299, 6.0880, 1.0289



0.2572, 0.1314, 0.0671

Previews

White Background



This preview shows how the XYZ color 18.2351, 11.8188, 7.6235 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 18.2351, 11.8188, 7.6235 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 18.2351, 11.8188, 7.6235

Background



This preview shows how black text looks on a background with the XYZ color 18.2351, 11.8188, 7.6235.



This preview shows how white text looks on a background with the XYZ color 18.2351, 11.8188,

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

18.2351, 11.8188, 7.6235

Protanopia

11.4447, 12.0374, 11.1714

Deuteranopia

12.1602, 11.9591, 7.1363



Tritanopia

18.1005, 11.8528, 6.6440

Trichromacy



Original Color

18.2351, 11.8188, 7.6235

Protanomaly

13.0438, 11.2503, 9.6676

Deuteranomaly

13.7957, 11.4633, 7.2799

Tritanomaly

18.1615, 11.8772, 6.9655

Monochromacy



Original Color

18.2351, 11.8188, 7.6235

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.3048, 10.6284, 10.2071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2351, 11.8188, 7.6235 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(164, 62, 73)` looks like.

```
.text, #text, p{  
    color:rgb(164, 62, 73)  
}
```

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(164, 62, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 62, 73) }
```

Border

The CSS property to change the border of an element to XYZ 18.2351, 11.8188, 7.6235 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(164, 62, 73) }
```


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

```
.border{ border-color:rgb(164, 62, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 62, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 62, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 62, 73);  
box-shadow:4px 4px 4px 4px rgb(164, 62,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2351, 11.8188, 7.6235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 62, 73) }
```

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

```
.background{ background-color: rgb(164, 62,  
73) }
```

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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