

Converting Colors

XYZ(19.2947, 11.8645, 18.0951)

Have a look what the booklet for
XYZ(19.2947, 11.8645, 18.0951)
contains.

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Color

**XYZ(19.2721, 11.8859,
18.1081)**

Conversions

Conversions Part 1

Format	Color
Hex	A03B75
RGB	160, 59, 117
RGB Percent	63%, 23%, 46%
CMY	0.3725, 0.7686, 0.5412
CMYK	0.00, 0.63, 0.27, 0.37
HSL	326°, 46%, 43%
HSV	326°, 63%, 63%
XYZ	19.2721, 11.8859, 18.1081
YIQ	95.8110, 41.5780, 39.4500

Conversions

Conversions Part 2

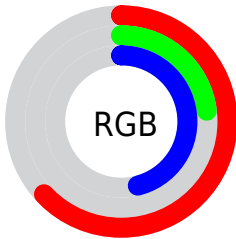
Format	Color
R_{YB}	160, 59, 117
Decimal	10500981
CIE _{Lab}	41.03, 47.91, -11.65
CIE _{LCh}	41, 49.302, 346.331
Yxy	11.8859, 0.3912, 0.2413
Android (android.graphics.Color)	4288691061 (0xFFA03B75)
YUV	95.8110, 10.4462, 56.2938
Hunter-Lab	34.4759, 39.4489, -7.0083

Details

The XYZ color **19.2721, 11.8859, 18.1081** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.7734, 27.0312, 16.9053**, and the grayscale version is **11.0415, 11.6165, 12.6503**.

A 20% lighter version of the original color is **41.5709, 29.2046, 40.9821**, and **6.8999, 3.4329, 5.9292** is the 20% darker color. If you saturate the color by 10%, you get **18.1861, 10.3317, 15.8413**, and if you desaturate by 10%, it is **20.6400, 13.9571, 20.6129**.

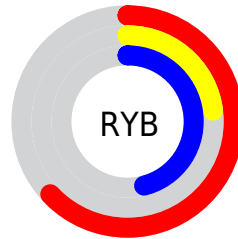
Distribution



Red (63%)

Green (23%)

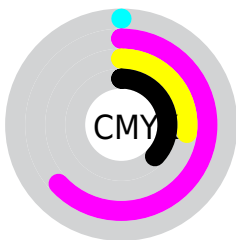
Blue (46%)



Red (63%)

Yellow (23%)

Blue (46%)

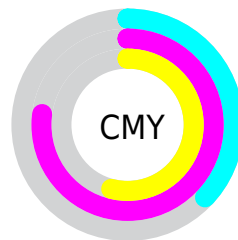


Cyan (0%)

Magenta (63%)

Yellow (27%)

Black (37%)



Cyan (37%)

Magenta (77%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2721, 11.8859, 18.1081 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 19.2721, 11.8859, 18.1081 by changing the saturation by 10% instead.

19.2721, 11.8859,
18.1081

19.2721, 11.8859,
18.1081

240.8562,
203.6485, 253.7362

11.9722, 6.6660,
10.8574

41.7067, 29.2871,
41.0379

6.7968, 3.2541,
5.8581

57.5722, 42.2373,
57.5540

3.3806, 1.2658,
2.6916

77.0235, 58.5330,
77.9957

1.3581, 0.1145,
0.9392

100.4261, 78.5586,
102.7814

0.2260, 0.0000,
0.0000

128.1453,
102.6986, 132.3298

0.0000, 0.0000,
0.0000

160.5465,

131.3373, 167.0594

197.9950,
164.8591, 207.3887

■ 19.2721, 11.8859,
18.1081

■ 19.2721, 11.8859,
18.1081

■ 18.1861, 10.3317,
15.8413

■ 20.6400, 13.9571,
20.6129

■ 17.3565, 9.2446,
13.8007

■ 22.3102, 16.5853,
23.3651

■ 16.7544, 8.5680,
11.9736

■ 24.3024, 19.8089,
26.3743

■ 16.4237, 8.2442,
10.8229

■ 26.6341, 23.6622,
29.6491

■ 29.3217, 28.1769,
33.1977

■ 32.3803, 33.3826,
37.0277

■ 35.8243, 39.3069,
41.1466

■ 39.6672, 45.9761,
45.5612

■ 43.9218, 53.4152,
50.2785

Harmonies

Analogous

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



16.9613, 11.8859, 31.5725



19.2721, 11.8859, 18.1081



19.1556, 11.8859, 8.2036

Triad

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



19.2721, 11.8859, 18.1081



9.4917, 11.8859, 1.8078



7.2239, 11.8859, 32.7458

Complementary

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



19.2721, 11.8859, 18.1081



16.7734, 27.0312, 16.9053

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.



5.9494, 11.8859, 19.2232



19.2721, 11.8859, 18.1081



7.0594, 11.8859, 3.6170

Square

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



19.2721, 11.8859, 18.1081



12.9807, 11.8859, 1.7455



5.8962, 11.8859, 8.8653



9.7660, 11.8859, 42.5669

Rectangle

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



19.2721, 11.8859, 18.1081



17.7050, 11.8859, 4.4956



5.8962, 11.8859, 8.8653



6.6586, 11.8859, 28.2390

Sweetspot

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



19.2725, 11.8865, 18.1083



50.1148, 45.8980, 56.1945



13.2860, 8.4383, 34.1864



10.7131, 9.6012, 11.9518



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.



19.2725, 11.8865, 18.1083



32.3118, 17.8031, 27.1043



17.0874, 11.0125, 6.6018



6.7846, 6.7068, 7.7170



12.8161, 6.4310, 8.5486



0.2501, 0.1233, 0.2629

Inverse Universe

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



19.2725, 11.8865, 18.1083



32.3118, 17.8031, 27.1043



20.0083, 28.3251, 33.9403



6.7846, 6.7068, 7.7170



12.8161, 6.4310, 8.5486



0.2501, 0.1233, 0.2629

Previews

White Background



This preview shows how the XYZ color 19.2721, 11.8859, 18.1081 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

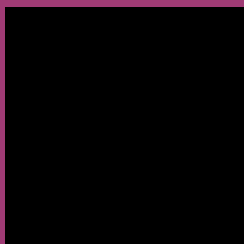
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2721, 11.8859, 18.1081

Background



This preview shows how black text looks on a background with the XYZ color 19.2721, 11.8859, 18.1081.



This preview shows how white text looks on a background with the XYZ color 19.2721, 11.8859,

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

19.2721, 11.8859, 18.1081

Protanopia

12.6966, 12.1732, 28.0660

Deuteranopia

12.2724, 12.0636, 17.0109



Tritanopia

17.0745, 11.8186, 7.8599

Trichromacy



Original Color

19.2721, 11.8859, 18.1081

Protanomaly

13.8267, 11.2227, 23.9917

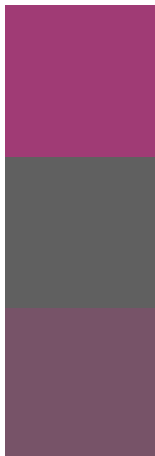
Deuteranomaly

14.0806, 11.3871, 17.3754

Tritanomaly

17.6404, 11.6869, 10.9989

Monochromacy



Original Color

19.2721, 11.8859, 18.1081

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

13.1997, 11.1079, 14.5450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2721, 11.8859, 18.1081 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(160, 59, 117)` looks like.

```
.text, #text, p{  
    color:rgb(160, 59, 117)  
}
```

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(160, 59, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 59, 117) }
```

Border

The CSS property to change the border of an element to XYZ 19.2721, 11.8859, 18.1081 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(160, 59, 117) }
```


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

```
.border{ border-color:rgb(160, 59, 117) }
```

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

Here you see how a box with a 4 pixel rgb(160, 59, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 59, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 59, 117);  
box-shadow:4px 4px 4px 4px rgb(160, 59,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2721, 11.8859, 18.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 59, 117) }
```

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

```
.background{ background-color: rgb(160, 59,  
117) }
```

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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