

Converting Colors

XYZ(18.8621, 9.0445, 53.5749)

Have a look what the booklet for
XYZ(18.8621, 9.0445, 53.5749)
contains.

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Color

**XYZ(18.8621, 9.0445,
53.5749)**

Conversions

Conversions Part 1

Format	Color
Hex	7D18C5
RGB	125, 24, 197
RGB Percent	49%, 9%, 77%
CMY	0.5098, 0.9059, 0.2274
CMYK	0.37, 0.88, 0.00, 0.23
HSL	275°, 78%, 43%
HSV	275°, 88%, 77%
XYZ	18.8621, 9.0445, 53.5749
YIQ	73.9210, 4.6630, 75.2150

Conversions

Conversions Part 2

Format	Color
R _Y B	125, 24, 197
Decimal	8198341
CIE Lab	36.07, 67.21, -68.12
CIE LCh	36, 95.690, 314.614
Yxy	9.0445, 0.2315, 0.1110
Android (android.graphics.Color)	4286388421 (0xFF7D18C5)
YUV	73.9210, 60.6779, 44.7963
Hunter-Lab	30.0741, 59.3234, -84.5692

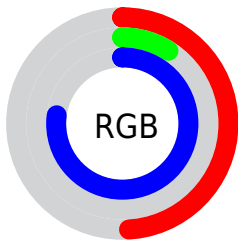
Details

The XYZ color **18.8621, 9.0445, 53.5749** is a dark color, and the websafe version is hex **9900CC**.

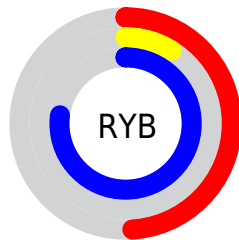
The color can be described as dark washed purple. A complement of this color would be **24.9551, 42.4854, 7.7495**, and the grayscale version is **6.3910, 6.7238, 7.3222**.

A 20% lighter version of the original color is **41.1450, 24.0659, 97.0844**, and **7.0625, 3.0768, 25.8128** is the 20% darker color. If you saturate the color by 10%, you get **17.4346, 7.8930, 53.4281**, and if you desaturate by 10%, it is **20.6724, 10.8135, 53.8211**.

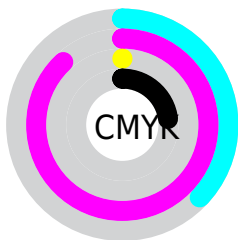
Distribution



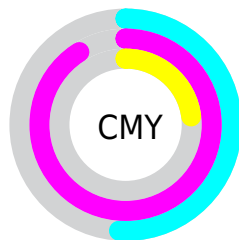
- Red (49%)
- Green (9%)
- Blue (77%)



- Red (49%)
- Yellow (9%)
- Blue (77%)



- Cyan (37%)
- Magenta (88%)
- Yellow (0%)
- Black (23%)



- Cyan (51%)
- Magenta (91%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8621, 9.0445, 53.5749 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 18.8621, 9.0445, 53.5749 by changing the saturation by 10% instead.

18.8621, 9.0445,
53.5749

18.8621, 9.0445,
53.5749

238.6392,
183.7095, 417.6156

11.6741, 4.7702,
37.8710

41.0196, 23.9821,
96.8999

6.5928, 2.1131,
25.5816

56.7199, 35.4141,
125.3581

3.2528, 0.6720,
16.2879

75.9882, 50.0009,
158.9049

1.2888, 0.0000,
9.5716

99.1900, 68.1268,
197.9587

0.1748, 0.0000,
5.0140

126.6907, 90.1763,
242.9381

0.0000, 0.0000,
2.1966

158.8555,

0.0000, 0.0000,

116.5336, 294.2617

0.6724

196.0499,
147.5832, 352.3480

■ 0.0000, 0.0000,
0.0000

■ 18.8621, 9.0445,
53.5749

■ 18.8621, 9.0445,
53.5749

■ 17.4346, 7.8930,
53.4281

■ 20.6724, 10.8135,
53.8211

■ 17.1501, 7.6770,
53.4014

■ 22.9306, 13.3288,
54.1876

■ 25.6831, 16.6795,
54.6893

■ 28.9694, 20.9411,
55.3387

■ 32.8245, 26.1806,
56.1468

■ 37.2802, 32.4586,
57.1237

■ 42.3657, 39.8306,
58.2787

■ 48.1082, 48.3481,
59.6200

■ 54.5331, 58.0593,
61.1558

Harmonies

Analogous

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



11.6798, 9.0445, 82.5526



18.8621, 9.0445, 53.5749



24.1530, 9.0445, 20.7886

Triad

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



18.8621, 9.0445, 53.5749



11.8563, 9.0445, 0.0000



1.7427, 9.0445, 20.1211

Complementary

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



18.8621, 9.0445, 53.5749



24.9551, 42.4854, 7.7495

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.



1.7559, 9.0445, 3.6329



18.8621, 9.0445, 53.5749



6.1101, 9.0445, 0.0000

Square

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



18.8621, 9.0445, 53.5749



19.0396, 9.0445, 0.0000



2.9557, 9.0445, 0.0000



2.9046, 9.0445, 52.6518

Rectangle

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



18.8621, 9.0445, 53.5749



24.8738, 9.0445, 7.5258



2.9557, 9.0445, 0.0000



1.6345, 9.0445, 12.6044

Sweetspot

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



18.8626, 9.0448, 53.5751



67.9904, 59.8835, 102.5829



14.6454, 12.6067, 54.4849



13.9130, 11.9035, 21.8143



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



18.8626, 9.0448, 53.5751



30.4217, 13.5978, 95.6290



31.8567, 15.9253, 45.9678



10.6400, 10.5882, 13.4004



11.3773, 5.0994, 35.1290



0.6198, 0.2833, 1.6672

Inverse Universe

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



25.4640, 13.3682, 12.3045



43.8480, 22.3032, 15.6636



20.6997, 40.2695, 8.5512



10.8139, 10.7089, 12.0032



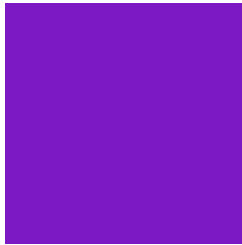
16.1862, 8.2240, 6.1903



0.8023, 0.4038, 0.4823

Previews

White Background



This preview shows how the XYZ color 18.8621, 9.0445, 53.5749 looks on a white background.

Color Contrast Check

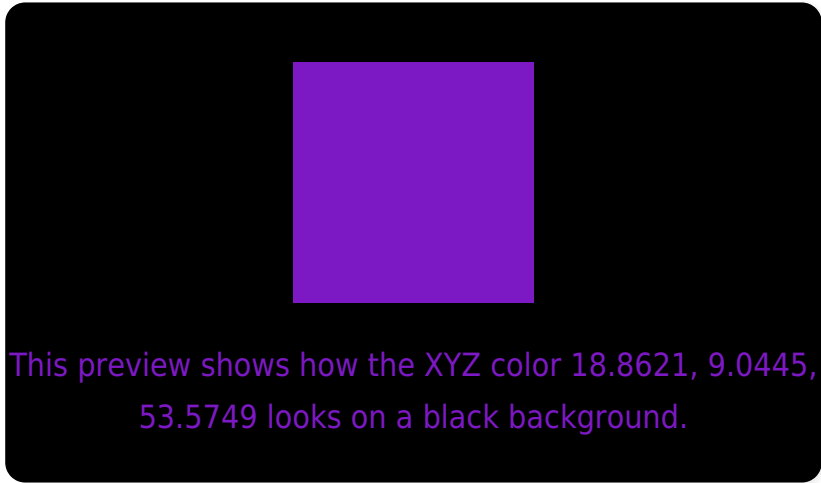
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

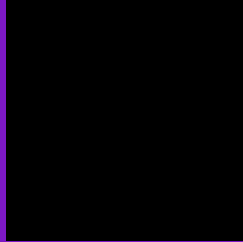
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.8621, 9.0445, 53.5749

Background



This preview shows how black text looks on a background with the XYZ color 18.8621, 9.0445, 53.5749.



This preview shows how white text looks on a background with the XYZ color 18.8621, 9.0445,

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

18.8621, 9.0445, 53.5749

Protanopia

10.7332, 9.2425, 41.2627

Deuteranopia

9.0756, 9.2138, 30.5783



Tritanopia

10.0292, 9.1314, 9.8283

Trichromacy



Original Color

18.8621, 9.0445, 53.5749



Protanomaly

11.2483, 7.3805, 45.0877



Deuteranomaly

10.0404, 7.1656, 37.8997



Tritanomaly

11.8854, 8.0138, 20.6591

Monochromacy



Original Color

18.8621, 9.0445, 53.5749



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

9.2581, 6.4874, 18.2170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8621, 9.0445, 53.5749 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(125, 24, 197)` looks like.

```
.text, #text, p{  
    color:rgb(125, 24, 197)  
}
```

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(125, 24, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 24, 197) }
```

Border

The CSS property to change the border of an element to XYZ 18.8621, 9.0445, 53.5749 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(125, 24, 197) }
```


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

```
.border{ border-color:rgb(125, 24, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 24, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 24, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 24, 197);  
box-shadow:4px 4px 4px 4px rgb(125, 24,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8621, 9.0445, 53.5749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 24, 197) }
```

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

```
.background{ background-color: rgb(125, 24,  
197) }
```

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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