

Converting Colors

XYZ(9.1049, 6.3381, 21.8746)

Have a look what the booklet for
XYZ(9.1049, 6.3381, 21.8746)
contains.

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Color

**XYZ(9.0996, 6.3249,
21.8603)**

Conversions

Conversions Part 1

Format	Color
Hex	543882
RGB	84, 56, 130
RGB Percent	33%, 22%, 51%
CMY	0.6706, 0.7804, 0.4902
CMYK	0.35, 0.57, 0.00, 0.49
HSL	263°, 40%, 36%
HSV	263°, 57%, 51%
XYZ	9.0996, 6.3249, 21.8603
YIQ	72.8080, -7.0660, 28.9500

Conversions

Conversions Part 2

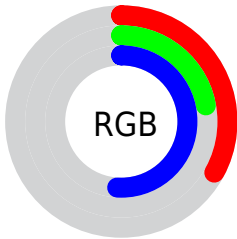
Format	Color
R_{YB}	84, 56, 130
Decimal	5519490
CIE _{Lab}	30.22, 29.52, -37.42
CIE _{LCh}	30, 47.666, 308.266
Yxy	6.3249, 0.2441, 0.1696
Android (android.graphics.Color)	4283709570 (0xFF543882)
YUV	72.8080, 28.1957, 9.8154
Hunter-Lab	25.1494, 20.5739, -33.9315

Details

The XYZ color **9.0996, 6.3249, 21.8603** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **14.1760, 19.0757, 6.6764**, and the grayscale version is **6.2530, 6.5787, 7.1642**.

A 20% lighter version of the original color is **23.7554, 18.5956, 47.6847**, and **2.2066, 1.1655, 7.6981** is the 20% darker color. If you saturate the color by 10%, you get **7.8674, 4.8729, 21.6451**, and if you desaturate by 10%, it is **10.5794, 8.1477, 22.1343**.

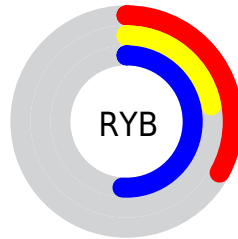
Distribution



Red (33%)

Green (22%)

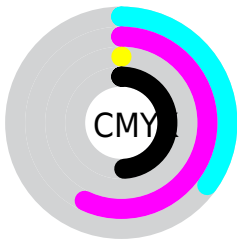
Blue (51%)



Red (33%)

Yellow (22%)

Blue (51%)

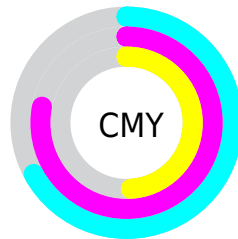


Cyan (35%)

Magenta (57%)

Yellow (0%)

Black (49%)



Cyan (67%)

Magenta (78%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.0996, 6.3249, 21.8603 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 9.0996, 6.3249, 21.8603 by changing the saturation by 10% instead.

9.0996, 6.3249,
21.8603

9.0996, 6.3249,
21.8603

178.3105,
161.9301, 274.7455

4.8638, 3.0436,
13.5570

23.7529, 18.6016,
47.4142

2.2015, 1.1546,
7.6780

34.9012, 28.3658,
65.5019

0.7435, 0.0241,
3.8048

49.0843, 41.0598,
87.6880

0.0000, 0.0000,
1.5189

66.6677, 57.0679,
114.3913

0.0000, 0.0000,
0.2319

88.0166, 76.7747,
146.0301

0.0000, 0.0000,
0.0000

113.4965,

100.5643, 183.0230

143.4727,
128.8213, 225.7887

■ 9.0996, 6.3249,
21.8603

■ 9.0996, 6.3249,
21.8603

■ 7.8674, 4.8729,
21.6451

■ 10.5794, 8.1477,
22.1343

■ 6.8664, 3.7635,
21.4837

■ 12.3204, 10.3652,
22.4705

■ 6.0787, 2.9658,
21.3713

■ 14.3358, 13.0000,
22.8729

■ 5.4724, 2.4201,
21.2979

■ 16.6379, 16.0726,
23.3446

■ 5.3051, 2.2694,
21.2776

■ 19.2380, 19.6023,
23.8889

■ 22.1468, 23.6074,
24.5086

■ 25.3746, 28.1047,
25.2066

■ 28.9310, 33.1106,
25.9854

■ 32.8253, 38.6406,
26.8475

Harmonies

Analogous

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



6.6536, 6.3249, 27.7847



9.0996, 6.3249, 21.8603



10.9769, 6.3249, 12.5516

Triad

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



9.0996, 6.3249, 21.8603



7.7553, 6.3249, 0.5469



2.6726, 6.3249, 8.8206

Complementary

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



9.0996, 6.3249, 21.8603



14.1760, 19.0757, 6.6764

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.



2.8281, 6.3249, 3.2492



9.0996, 6.3249, 21.8603



5.4124, 6.3249, 0.3446

Square

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



9.0996, 6.3249, 21.8603



10.0760, 6.3249, 1.7183



3.7157, 6.3249, 1.0273



3.2202, 6.3249, 17.7257

Rectangle

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



9.0996, 6.3249, 21.8603



11.4386, 6.3249, 7.2676



3.7157, 6.3249, 1.0273



2.6477, 6.3249, 6.5194

Sweetspot

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



9.0999, 6.3251, 21.8605



29.1013, 28.0368, 41.0703



10.4973, 12.1267, 22.9066



6.4324, 6.1384, 9.2641



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



9.0999, 6.3251, 21.8605



13.3552, 8.0135, 38.0354



13.2078, 8.4429, 22.0527



4.2507, 4.2848, 5.4163



5.0939, 2.1797, 20.4022



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.0185, 8.5337, 13.5314



21.2263, 12.4633, 20.6875



10.9344, 17.4046, 6.5247



4.4313, 4.3857, 5.0757



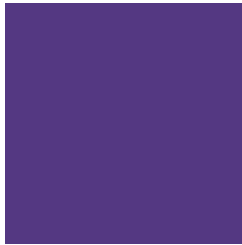
10.2477, 5.1188, 7.8939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 9.0996, 6.3249, 21.8603 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



This preview shows how the XYZ color 9.0996, 6.3249, 21.8603 looks on a 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 9.0996, 6.3249, 21.8603

Background



This preview shows how black text looks on a background with the XYZ color 9.0996, 6.3249, 21.8603.



This preview shows how white text looks on a background with the XYZ color 9.0996, 6.3249,

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

9.0996, 6.3249, 21.8603

Protanopia

7.4307, 6.4083, 27.2308

Deuteranopia

6.4793, 6.4420, 20.6406



Tritanopia

6.2423, 6.3186, 7.7281

Trichromacy



Original Color

9.0996, 6.3249, 21.8603

Protanomaly

7.4899, 6.0445, 25.1980

Deuteranomaly

6.9201, 6.1045, 20.8922

Tritanomaly

7.0622, 6.2029, 11.8914

Monochromacy



Original Color

9.0996, 6.3249, 21.8603

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

7.0881, 6.4002, 11.4515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.0996, 6.3249, 21.8603 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(84, 56, 130)` looks like.

```
.text, #text, p{  
    color:rgb(84, 56, 130)  
}
```

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(84, 56, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 56, 130) }
```

Border

The CSS property to change the border of an element to XYZ 9.0996, 6.3249, 21.8603 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(84, 56, 130) }
```


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

```
.border{ border-color:rgb(84, 56, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 56, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 56, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 56, 130);  
box-shadow:4px 4px 4px 4px rgb(84, 56,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 9.0996, 6.3249, 21.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 56, 130) }
```

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

```
.background{ background-color: rgb(84, 56,  
130) }
```

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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