

Converting Colors

XYZ(9.0286, 6.7885, 15.7375)

Have a look what the booklet for
XYZ(9.0286, 6.7885, 15.7375)
contains.

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Color

**XYZ(9.0522, 6.8123,
15.8767)**

Conversions

Conversions Part 1

Format	Color
Hex	5D3D6F
RGB	93, 61, 111
RGB Percent	36%, 24%, 44%
CMY	0.6353, 0.7608, 0.5647
CMYK	0.16, 0.45, 0.00, 0.56
HSL	278°, 29%, 34%
HSV	278°, 45%, 44%
XYZ	9.0522, 6.8123, 15.8767
YIQ	76.2680, 3.0220, 22.3340

Conversions

Conversions Part 2

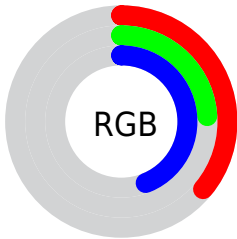
Format	Color
RYB	93, 61, 111
Decimal	6110575
CIELab	31.38, 24.13, -23.59
CIElCh	31, 33.743, 315.654
Yxy	6.8123, 0.2852, 0.2146
Android (android.graphics.Color)	4284300655 (0xFF5D3D6F)
YUV	76.2680, 17.1229, 14.6740
Hunter-Lab	26.1004, 16.2321, -17.7955

Details

The XYZ color **9.0522, 6.8123, 15.8767** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **9.7513, 13.3681, 6.4814**, and the grayscale version is **6.8880, 7.2467, 7.8917**.

A 20% lighter version of the original color is **23.5811, 19.5109, 37.1735**, and **2.1798, 1.3177, 4.8421** is the 20% darker color. If you saturate the color by 10%, you get **8.1260, 5.5446, 15.6809**, and if you desaturate by 10%, it is **10.1227, 8.3368, 16.1146**.

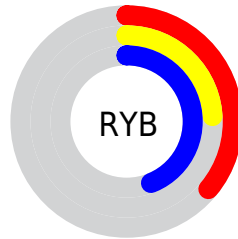
Distribution



 Red (36%)

 Green (24%)

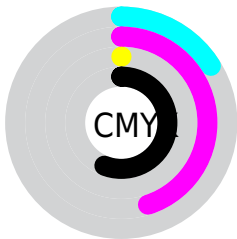
 Blue (44%)



 Red (36%)

 Yellow (24%)

 Blue (44%)

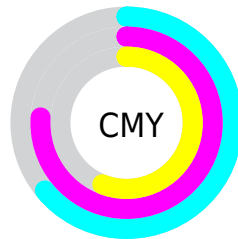


 Cyan (16%)

 Magenta (45%)

 Yellow (0%)

 Black (56%)



 Cyan (64%)

 Magenta (76%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.0522, 6.8123, 15.8767 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 9.0522, 6.8123, 15.8767 by changing the saturation by 10% instead.

9.0522, 6.8123,
15.8767

9.0522, 6.8123,
15.8767

177.9656,
166.0948, 240.4339

4.8326, 3.3450,
9.2835

23.6630, 19.5946,
37.1478

2.1831, 1.3144,
4.8272

34.7850, 29.6784,
52.6629

0.7338, 0.1523,
2.0893

48.9384, 42.7365,
71.9889

0.0000, 0.0000,
0.6094

66.4887, 59.1532,
95.5446

0.0000, 0.0000,
0.0000

87.8012, 79.3130,
123.7484

113.2413,

103.6003, 157.0188

143.1743,
132.3994, 195.7745

■ 9.0522, 6.8123,
15.8767

■ 9.0522, 6.8123,
15.8767

■ 8.1260, 5.5446,
15.6809

■ 10.1227, 8.3368,
16.1146

■ 7.3355, 4.5175,
15.5243

■ 11.3440, 10.1314,
16.3967

■ 6.6720, 3.7141,
15.4042

■ 12.7232, 12.2094,
16.7251

■ 6.1256, 3.1149,
15.3174

■ 14.2666, 14.5831,
17.1019

■ 5.6783, 2.6845,
15.2579

■ 15.9802, 17.2639,
17.5290

■ 5.4709, 2.4889,
15.2311

■ 17.8695, 20.2626,
18.0083

■ 19.9400, 23.5896,
18.5413

■ 22.1968, 27.2547,
19.1298

■ 24.6447, 31.2674,
19.7753

Harmonies

Analogous

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



7.3802, 6.8123, 20.2566



9.0522, 6.8123, 15.8767



10.1089, 6.8123, 9.9361

Triad

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



9.0522, 6.8123, 15.8767



7.3032, 6.8123, 1.6004



3.8499, 6.8123, 10.1846

Complementary

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



9.0522, 6.8123, 15.8767



9.7513, 13.3681, 6.4814

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.



3.8365, 6.8123, 5.3650



9.0522, 6.8123, 15.8767



5.6468, 6.8123, 1.6200

Square

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



9.0522, 6.8123, 15.8767



8.9875, 6.8123, 2.5944



4.4401, 6.8123, 2.6688



4.4805, 6.8123, 16.1245

Rectangle

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



9.0522, 6.8123, 15.8767



10.2230, 6.8123, 6.5481



4.4401, 6.8123, 2.6688



3.7772, 6.8123, 8.3605

Sweetspot

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



9.0524, 6.8126, 15.8769



22.9569, 22.1280, 29.9910



7.6140, 7.7802, 16.1394



5.4078, 5.1526, 7.1793



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



9.0524, 6.8126, 15.8769



14.4857, 9.8415, 28.0659



10.7401, 7.7234, 14.1105



3.4036, 3.3963, 4.2304



6.4180, 2.9180, 17.9466



31.0039, 14.0375, 89.3545

Inverse Universe

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



9.6357, 7.2817, 8.2948



15.8085, 10.8777, 12.1204



8.6423, 12.7744, 7.4261



3.4295, 3.4195, 3.7886



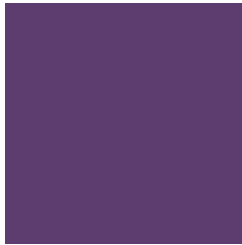
8.1636, 4.1578, 2.6716



40.2862, 20.5598, 11.3054

Previews

White Background



This preview shows how the XYZ color 9.0522, 6.8123, 15.8767 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 9.0522, 6.8123, 15.8767 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 9.0522, 6.8123, 15.8767

Background



This preview shows how black text looks on a background with the XYZ color 9.0522, 6.8123, 15.8767.



This preview shows how white text looks on a background with the XYZ color 9.0522, 6.8123,

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

9.0522, 6.8123, 15.8767

Protanopia

7.4093, 6.9578, 19.0416

Deuteranopia

7.0726, 6.9623, 15.4391



Tritanopia

7.3286, 6.7905, 7.5810

Trichromacy



Original Color

9.0522, 6.8123, 15.8767

Protanomaly

7.7933, 6.8058, 17.7325

Deuteranomaly

7.6151, 6.7598, 15.6553

Tritanomaly

7.8295, 6.7249, 10.1179

Monochromacy



Original Color

9.0522, 6.8123, 15.8767

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

7.5361, 7.0216, 10.4093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.0522, 6.8123, 15.8767 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(93, 61, 111) looks like.

```
.text, #text, p{  
    color:rgb(93, 61, 111)  
}
```

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(93, 61, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 61, 111) }
```

Border

The CSS property to change the border of an element to XYZ 9.0522, 6.8123, 15.8767 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(93, 61, 111) }
```


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

```
.border{ border-color:rgb(93, 61, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 61, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 61, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 61, 111);  
box-shadow:4px 4px 4px 4px rgb(93, 61,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 9.0522, 6.8123, 15.8767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 61, 111) }
```

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

```
.background{ background-color: rgb(93, 61,  
111) }
```

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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