

Converting Colors

XYZ(9.0174, 6.5389, 15.1255)

Have a look what the booklet for
XYZ(9.0174, 6.5389, 15.1255)
contains.

XYZ(9.0473, 6.5172, 15.2491)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(9.0473, 6.5172,
15.2491)**

Conversions

Conversions Part 1

Format	Color
Hex	60396D
RGB	96, 57, 109
RGB Percent	38%, 22%, 43%
CMY	0.6235, 0.7765, 0.5725
CMYK	0.12, 0.48, 0.00, 0.57
HSL	285°, 31%, 33%
HSV	285°, 48%, 43%
XYZ	9.0473, 6.5172, 15.2491
YIQ	74.5890, 6.5520, 24.4400

Conversions

Conversions Part 2

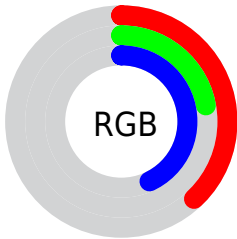
Format	Color
R_{YB}	96, 57, 109
Decimal	6306157
CIE _{Lab}	30.68, 27.08, -23.38
CIE _{LCh}	31, 35.776, 319.199
Yxy	6.5172, 0.2936, 0.2115
Android (android.graphics.Color)	4284496237 (0xFF60396D)
YUV	74.5890, 16.9646, 18.7774
Hunter-Lab	25.5288, 18.5842, -17.5455




Details

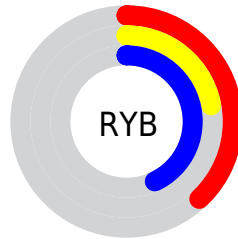
The XYZ color **9.0473, 6.5172, 15.2491** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **8.7332, 12.5350, 5.8304**, and the grayscale version is **6.5839, 6.9268, 7.5433**.




A 20% lighter version of the original color is **23.6973, 18.9723, 36.1312**, and **2.1927, 1.2282, 4.5364** is the 20% darker color. If you saturate the color by 10%, you get **8.2835, 5.4077, 15.0753**, and if you desaturate by 10%, it is **9.9372, 7.8638, 15.4622**.

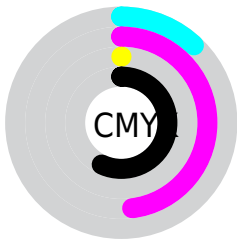
Distribution







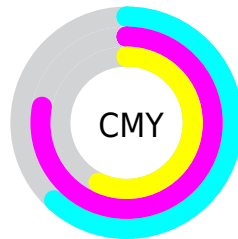
-  Red (38%)
-  Green (22%)
-  Blue (43%)






-  Red (38%)
-  Yellow (22%)
-  Blue (43%)



-  Cyan (12%)
-  Magenta (48%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (62%)
-  Magenta (78%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.0473, 6.5172, 15.2491 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 9.0473, 6.5172, 15.2491 by changing the saturation by 10% instead.

9.0473, 6.5172,
15.2491

9.0473, 6.5172,
15.2491

177.9299,
163.5895, 236.5615

4.8294, 3.1620,
8.8458

23.6537, 18.9951,
36.0380

2.1812, 1.2169,
4.5453

34.7729, 28.8867,
51.2608

0.7328, 0.0754,
1.9290

48.9233, 41.7259,
70.2605

0.0000, 0.0000,
0.5111

66.4702, 57.8971,
93.4556

0.0000, 0.0000,
0.0000

87.7789, 77.7846,
121.2648

113.2149,

101.7729, 154.1064

143.1435,
130.2464, 192.3992

■ 9.0473, 6.5172,
15.2491

■ 9.0473, 6.5172,
15.2491

■ 8.2835, 5.4077,
15.0753

■ 9.9372, 7.8638,
15.4622

■ 7.6375, 4.5195,
14.9379

■ 10.9595, 9.4605,
15.7165

■ 7.1012, 3.8361,
14.8343

■ 12.1208, 11.3200,
16.0142

■ 6.6649, 3.3384,
14.7612

■ 13.4270, 13.4542,
16.3573

■ 6.2999, 2.9692,
14.7092

■ 14.8838, 15.8741,
16.7476

■ 6.2183, 2.8868,
14.6976

■ 16.4963, 18.5901,
17.1869

■ 18.2696, 21.6122,
17.6768

■ 20.2086, 24.9498,
18.2188

■ 22.3177, 28.6119,
18.8145

Harmonies

Analogous

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



7.3457, 6.5172, 20.3087



9.0473, 6.5172, 15.2491



10.0398, 6.5172, 9.0212

Triad

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



9.0473, 6.5172, 15.2491



6.8344, 6.5172, 1.2689



3.5687, 6.5172, 10.6850

Complementary

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



9.0473, 6.5172, 15.2491



8.7332, 12.5350, 5.8304

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.



3.4827, 6.5172, 5.4665



9.0473, 6.5172, 15.2491



5.1701, 6.5172, 1.3861

Square

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



9.0473, 6.5172, 15.2491



8.6139, 6.5172, 2.0729



4.0148, 6.5172, 2.5350



4.2765, 6.5172, 16.9398

Rectangle

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



9.0473, 6.5172, 15.2491



10.0619, 6.5172, 5.6883



4.0148, 6.5172, 2.5350



3.4718, 6.5172, 8.7190

Sweetspot

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



9.0475, 6.5175, 15.2492



22.4504, 21.4818, 28.8704



6.6927, 6.4639, 15.3630



5.1371, 4.8571, 6.6955



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



9.0475, 6.5175, 15.2492



14.7232, 9.5284, 26.9704



9.9215, 7.0383, 12.1125



3.1473, 3.1277, 3.8727



7.2506, 3.3649, 17.1896



36.1221, 16.7212, 87.5499

Inverse Universe

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



8.8755, 6.6200, 6.6047



14.4971, 9.8080, 9.0626



8.2346, 12.2386, 7.5806



3.1279, 3.1281, 3.4041



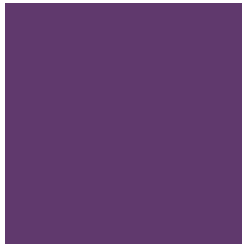
7.6023, 3.8931, 1.5344



38.4342, 19.7156, 6.2231

Previews

White Background



This preview shows how the XYZ color 9.0473, 6.5172, 15.2491 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 9.0473, 6.5172, 15.2491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

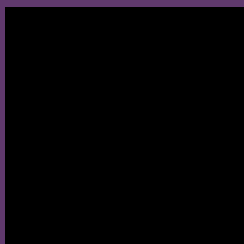
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 9.0473, 6.5172, 15.2491

Background



This preview shows how black text looks on a background with the XYZ color 9.0473, 6.5172, 15.2491.



This preview shows how white text looks on a background with the XYZ color 9.0473, 6.5172, 15.2491.

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

9.0473, 6.5172, 15.2491

Protanopia

7.1206, 6.6170, 18.9911

Deuteranopia

6.7225, 6.6051, 14.5563



Tritanopia

7.3020, 6.5250, 6.8358

Trichromacy



Original Color

9.0473, 6.5172, 15.2491

Protanomaly

7.5430, 6.4097, 17.6693

Deuteranomaly

7.3335, 6.4536, 14.7691

Tritanomaly

7.8308, 6.4862, 9.4336

Monochromacy



Original Color

9.0473, 6.5172, 15.2491

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

7.3547, 6.6614, 9.9150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.0473, 6.5172, 15.2491 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(96, 57, 109)` looks like.

```
.text, #text, p{  
    color:rgb(96, 57, 109)  
}
```

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(96, 57, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 57, 109) }
```

Border

The CSS property to change the border of an element to XYZ 9.0473, 6.5172, 15.2491 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(96, 57, 109) }
```


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

```
.border{ border-color:rgb(96, 57, 109) }
```

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

Here you see how a box with a 4 pixel rgb(96, 57, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 57, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 57, 109);  
box-shadow:4px 4px 4px 4px rgb(96, 57,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 9.0473, 6.5172, 15.2491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 57, 109) }
```

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

```
.background{ background-color: rgb(96, 57,  
109) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor