

Converting Colors

XYZ(14.9545, 9.9442, 14.1193)

Have a look what the booklet for
XYZ(14.9545, 9.9442, 14.1193)
contains.

XYZ(15.0365, 10.0202, 14.2383)	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(15.0365, 10.0202,
14.2383)**

Conversions

Conversions Part 1

Format	Color
Hex	8C3E68
RGB	140, 62, 104
RGB Percent	55%, 24%, 41%
CMY	0.4510, 0.7568, 0.5922
CMYK	0.00, 0.56, 0.26, 0.45
HSL	328°, 39%, 40%
HSV	328°, 56%, 55%
XYZ	15.0365, 10.0202, 14.2383
YIQ	90.1100, 33.0060, 29.5980

Conversions

Conversions Part 2

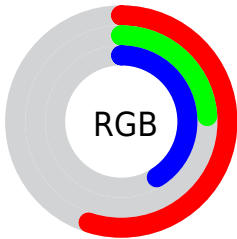
Format	Color
R_{YB}	140, 62, 104
Decimal	9191016
CIE Lab	37.88, 38.18, -8.62
CIE LCh	38, 39.146, 347.278
Yxy	10.0202, 0.3827, 0.2550
Android (android.graphics.Color)	4287381096 (0xFF8C3E68)
YUV	90.1100, 6.8478, 43.7535
Hunter-Lab	31.6547, 29.3947, -4.5104

Details

The XYZ color **15.0365, 10.0202, 14.2383** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.5698, 20.6623, 14.8293**, and the grayscale version is **9.7232, 10.2296, 11.1400**.

A 20% lighter version of the original color is **34.5865, 25.9126, 34.1891**, and **4.7558, 2.4953, 4.1019** is the 20% darker color. If you saturate the color by 10%, you get **14.0552, 8.5629, 12.3534**, and if you desaturate by 10%, it is **16.2397, 11.8809, 16.3215**.

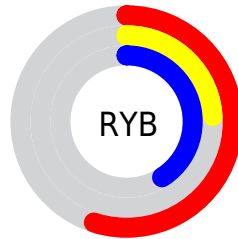
Distribution



Red (55%)

Green (24%)

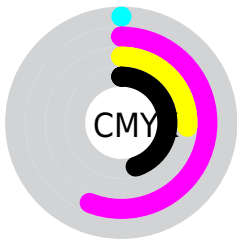
Blue (41%)



Red (55%)

Yellow (24%)

Blue (41%)

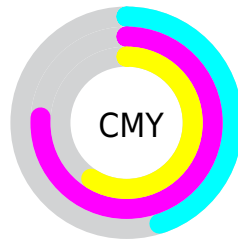


Cyan (0%)

Magenta (56%)

Yellow (26%)

Black (45%)



Cyan (45%)

Magenta (76%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0365, 10.0202, 14.2383 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 15.0365, 10.0202, 14.2383 by changing the saturation by 10% instead.

15.0365, 10.0202,
14.2383

15.0365, 10.0202,
14.2383

216.9710,
190.8162, 230.1881

8.9315, 5.4124,
8.1460

34.4883, 25.8335,
34.2345

4.7533, 2.4912,
4.0994

48.5659, 37.8077,
48.9753

2.1365, 0.8722,
1.6800

66.0316, 53.0062,
67.4362

0.7089, 0.0000,
0.3470

87.2509, 71.8133,
90.0354

0.0000, 0.0000,
0.0000

112.5892, 94.6135,
117.1917

142.4117,

121.7911, 149.3236

177.0839,
153.7305, 186.8495

■ 15.0365, 10.0202,
14.2383

■ 15.0365, 10.0202,
14.2383

■ 14.0552, 8.5629,
12.3534

■ 16.2397, 11.8809,
16.3215

■ 13.2790, 7.4764,
10.6581

■ 17.6782, 14.1711,
18.6098

■ 12.6899, 6.7257,
9.1437

■ 19.3654, 16.9168,
21.1104

■ 12.2610, 6.2581,
7.7982

■ 21.3132, 20.1411,
23.8299

■ 12.0983, 6.0887,
7.2629

■ 23.5331, 23.8656,
26.7743

■ 26.0354, 28.1109,
29.9497

■ 28.8303, 32.8961,
33.3616

■ 31.9271, 38.2394,
37.0155

■ 35.3350, 44.1581,
40.9166

Harmonies

Analogous

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



13.5183, 10.0202, 23.1981



15.0365, 10.0202, 14.2383



14.9025, 10.0202, 7.3050

Triad

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



15.0365, 10.0202, 14.2383



8.1639, 10.0202, 2.3286



6.6159, 10.0202, 24.5041

Complementary

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



15.0365, 10.0202, 14.2383



13.5698, 20.6623, 14.8293

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.



5.6256, 10.0202, 15.5411



15.0365, 10.0202, 14.2383



6.4058, 10.0202, 3.9730

Square

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



15.0365, 10.0202, 14.2383



10.6243, 10.0202, 2.2287



5.5562, 10.0202, 8.1460



8.5022, 10.0202, 30.6528

Rectangle

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



15.0365, 10.0202, 14.2383



13.8930, 10.0202, 4.5070



5.5562, 10.0202, 8.1460



6.1827, 10.0202, 21.5781

Sweetspot

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



15.0368, 10.0207, 14.2385



36.9781, 34.5135, 41.1964



11.3972, 7.8862, 25.7324



8.3792, 7.7177, 9.2977



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.0368, 10.0207, 14.2385



24.3760, 14.5173, 20.9399



13.5186, 9.4134, 6.2440



5.1381, 5.0907, 5.8155



10.7599, 5.4141, 6.5062



0.0789, 0.0389, 0.0822

Inverse Universe

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



15.0368, 10.0207, 14.2385



24.3760, 14.5173, 20.9399



15.8160, 21.5608, 26.6579



5.1381, 5.0907, 5.8155



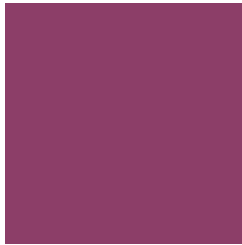
10.7599, 5.4141, 6.5062



0.0789, 0.0389, 0.0822

Previews

White Background



This preview shows how the XYZ color 15.0365, 10.0202, 14.2383 looks on a white background.

Color Contrast Check

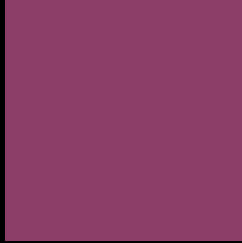
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 15.0365, 10.0202, 14.2383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

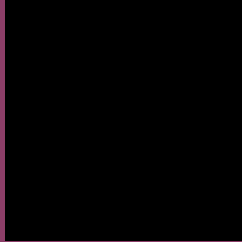
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0365, 10.0202, 14.2383

Background



This preview shows how black text looks on a background with the XYZ color 15.0365, 10.0202, 14.2383.



This preview shows how white text looks on a background with the XYZ color 15.0365, 10.0202,

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

15.0365, 10.0202, 14.2383

Protanopia

10.4558, 10.2803, 20.1721

Deuteranopia

10.3245, 10.1162, 13.4650



Tritanopia

13.6472, 10.0556, 7.5250

Trichromacy



Original Color

15.0365, 10.0202, 14.2383

Protanomaly

11.4279, 9.6777, 17.7887

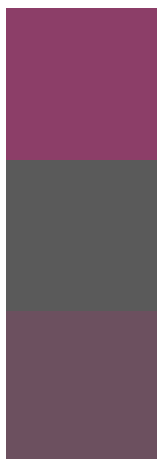
Deuteranomaly

11.6289, 9.7679, 13.5844

Tritanomaly

14.0297, 9.9398, 9.5666

Monochromacy



Original Color

15.0365, 10.0202, 14.2383

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

11.1186, 9.7517, 12.1227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0365, 10.0202, 14.2383 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(140, 62, 104)` looks like.

```
.text, #text, p{  
    color:rgb(140, 62, 104)  
}
```

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(140, 62, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 62, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.0365, 10.0202, 14.2383 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(140, 62, 104) }
```


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

```
.border{ border-color:rgb(140, 62, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 62, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 62, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 62, 104);  
box-shadow:4px 4px 4px 4px rgb(140, 62,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0365, 10.0202, 14.2383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 62, 104) }
```

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

```
.background{ background-color: rgb(140, 62,  
104) }
```

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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