

Converting Colors

XYZ(26.4620, 15.7618, 13.7496)

Have a look what the booklet for
XYZ(26.4620, 15.7618, 13.7496)
contains.

XYZ(26.4218, 15.7539, 13.7048)	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(26.4218, 15.7539,
13.7048)**

Conversions

Conversions Part 1

Format	Color
Hex	C33C64
RGB	195, 60, 100
RGB Percent	76%, 24%, 39%
CMY	0.2353, 0.7647, 0.6078
CMYK	0.00, 0.69, 0.49, 0.24
HSL	342°, 53%, 50%
HSV	342°, 69%, 76%
XYZ	26.4218, 15.7539, 13.7048
YIQ	104.9250, 67.6200, 41.0600

Conversions

Conversions Part 2

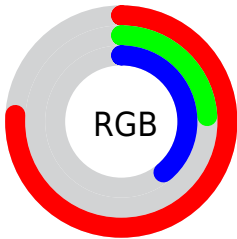
Format	Color
R_{YB}	195, 60, 100
Decimal	12794980
CIE _{Lab}	46.65, 56.28, 7.79
CIE _{LCh}	47, 56.814, 7.877
Yxy	15.7539, 0.4728, 0.2819
Android (android.graphics.Color)	4290985060 (0xFFC33C64)
YUV	104.9250, -2.4280, 78.9958
Hunter-Lab	39.6912, 49.3651, 7.3118

Details

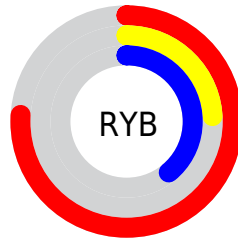
The XYZ color **26.4218, 15.7539, 13.7048** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **27.2961, 42.3579, 37.7510**, and the grayscale version is **13.4013, 14.0993, 15.3541**.

A 20% lighter version of the original color is **53.0713, 35.9851, 33.4268**, and **10.8192, 5.5006, 3.9815** is the 20% darker color. If you saturate the color by 10%, you get **24.9726, 13.8305, 10.2162**, and if you desaturate by 10%, it is **28.3600, 18.4763, 17.9087**.

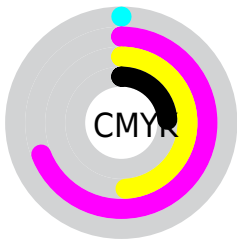
Distribution



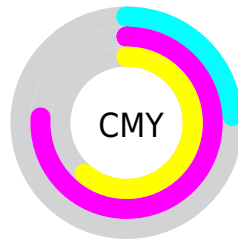
- Red (76%)
- Green (24%)
- Blue (39%)



- Red (76%)
- Yellow (24%)
- Blue (39%)



- Cyan (0%)
- Magenta (69%)
- Yellow (49%)
- Black (24%)



- Cyan (24%)
- Magenta (76%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4218, 15.7539, 13.7048 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 26.4218, 15.7539, 13.7048 by changing the saturation by 10% instead.

■ 26.4218, 15.7539,
13.7048

■ 26.4218, 15.7539,
13.7048

277.0654,
227.8851, 226.7508

■ 17.2738, 9.3502,
7.7792

■ 53.3811, 36.1704,
33.2739

■ 10.5264, 4.9703,
3.8683

■ 71.9231, 50.9520,
47.7545

■ 5.8143, 2.2298,
1.5534

■ 94.3271, 69.2950,
65.9238

■ 2.7721, 0.7362,
0.2572

■ 120.9586, 91.5839,
88.2004

■ 1.0344, 0.0000,
0.0000

■ 152.1828,
118.2029, 115.0029

■ 0.0000, 0.0000,
0.0000

188.3651,

149.5365, 146.7498

229.8709,
185.9691, 183.8595

■ 26.4218, 15.7539,
13.7048

■ 26.4218, 15.7539,
13.7048

■ 24.9726, 13.8305,
10.2162

■ 28.3600, 18.4763,
17.9087

■ 23.9618, 12.6139,
7.3979

■ 30.8282, 22.0713,
22.8669

■ 23.3071, 11.9489,
5.1927

■ 33.8644, 26.6071,
28.6163

■ 23.2635, 11.9052,
5.0442

■ 37.5027, 32.1443,
35.1908

■ 41.7742, 38.7385,
42.6226

■ 46.7079, 46.4410,
50.9418

■ 52.3312, 55.2999,
60.1770

■ 58.6696, 65.3604,
70.3556

■ 65.7475, 76.6653,
81.5038

Harmonies

Analogous

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



25.5459, 15.7539, 29.4987



26.4218, 15.7539, 13.7048



23.7408, 15.7539, 5.3241

Triad

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



26.4218, 15.7539, 13.7048



9.8883, 15.7539, 3.4312



11.6890, 15.7539, 56.4286

Complementary

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



26.4218, 15.7539, 13.7048



27.2961, 42.3579, 37.7510

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.



8.6840, 15.7539, 39.7155



26.4218, 15.7539, 13.7048



7.8141, 15.7539, 8.8460

Square

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



26.4218, 15.7539, 13.7048



13.7153, 15.7539, 1.8851



7.4274, 15.7539, 21.1366



16.3066, 15.7539, 60.3592

Rectangle

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



26.4218, 15.7539, 13.7048



20.5821, 15.7539, 2.9253



7.4274, 15.7539, 21.1366



10.4895, 15.7539, 51.8034

Sweetspot

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



26.4222, 15.7548, 13.7051



73.1158, 66.7407, 73.4139



24.8889, 14.0921, 53.0380



15.5291, 13.8693, 15.2416



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.



26.4222, 15.7548, 13.7051



43.7183, 23.5210, 15.5983



26.7302, 18.7459, 6.4856



10.1932, 10.1259, 11.1081



15.1526, 7.7508, 3.4500



0.6858, 0.3473, 0.3129

Inverse Universe

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



26.4222, 15.7548, 13.7051



43.7183, 23.5210, 15.5983



25.7172, 32.9069, 56.6259



10.1932, 10.1259, 11.1081



15.1526, 7.7508, 3.4500



0.6858, 0.3473, 0.3129

Previews

White Background



This preview shows how the XYZ color 26.4218, 15.7539, 13.7048 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 26.4218, 15.7539, 13.7048 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 26.4218, 15.7539, 13.7048

Background



This preview shows how black text looks on a background with the XYZ color 26.4218, 15.7539, 13.7048.

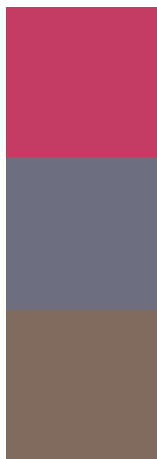


This preview shows how white text looks on a background with the XYZ color 26.4218, 15.7539,

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

26.4218, 15.7539, 13.7048

Protanopia

15.6566, 15.8985, 22.6656

Deuteranopia

16.1356, 15.8949, 12.5735



Tritanopia

25.0460, 15.6761, 7.5001

Trichromacy



Original Color

26.4218, 15.7539, 13.7048

Protanomaly

17.9124, 14.5377, 19.0015

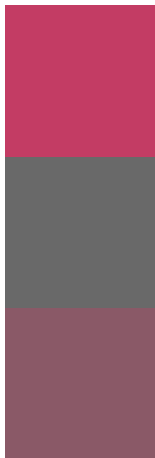
Deuteranomaly

18.7164, 14.8323, 12.9428

Tritanomaly

25.5667, 15.7302, 9.4733

Monochromacy



Original Color

26.4218, 15.7539, 13.7048

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

16.5018, 13.5273, 14.5733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4218, 15.7539, 13.7048 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(195, 60, 100)` looks like.

```
.text, #text, p{  
  color:rgb(195, 60, 100)  
}
```

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(195, 60, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 60, 100) }
```

Border

The CSS property to change the border of an element to XYZ 26.4218, 15.7539, 13.7048 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(195, 60, 100) }
```


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

```
.border{ border-color:rgb(195, 60, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 60, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 60, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 60, 100);  
box-shadow:4px 4px 4px 4px rgb(195, 60,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4218, 15.7539, 13.7048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 60, 100) }
```

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

```
.background{ background-color: rgb(195, 60,  
100) }
```

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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