

Converting Colors

XYZ(26.3114, 13.9016, 3.6183)

Have a look what the booklet for
XYZ(26.3114, 13.9016, 3.6183)
contains.

XYZ(26.4363, 13.9761, 3.5898)	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(26.4363, 13.9761,
3.5898)**

Conversions

Conversions Part 1

Format	Color
Hex	CF152B
RGB	207, 21, 43
RGB Percent	81%, 8%, 17%
CMY	0.1882, 0.9175, 0.8314
CMYK	0.00, 0.90, 0.79, 0.19
HSL	353°, 82%, 45%
HSV	353°, 90%, 81%
XYZ	26.4363, 13.9761, 3.5898
YIQ	79.1220, 103.7940, 46.2740

Conversions

Conversions Part 2

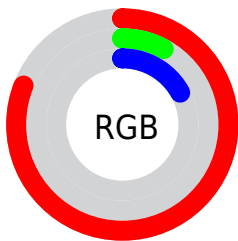
Format	Color
RYB	207, 21, 43
Decimal	13571371
CIELab	44.20, 66.90, 39.66
CIElCh	44, 77.775, 30.659
Yxy	13.9761, 0.6008, 0.3176
Android (android.graphics.Color)	4291761451 (0xFFCF152B)
YUV	79.1220, -17.8081, 112.1490
Hunter-Lab	37.3846, 60.8021, 20.4760

Details

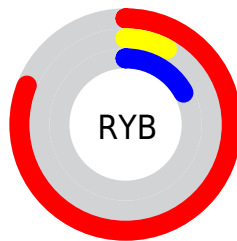
The XYZ color **26.4363, 13.9761, 3.5898** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **31.3820, 48.2888, 53.5791**, and the grayscale version is **7.4768, 7.8662, 8.5663**.

A 20% lighter version of the original color is **46.8703, 29.6356, 12.7011**, and **11.3277, 5.8396, 0.5301** is the 20% darker color. If you saturate the color by 10%, you get **25.9082, 13.3415, 2.1151**, and if you desaturate by 10%, it is **27.3994, 15.2415, 5.9487**.

Distribution



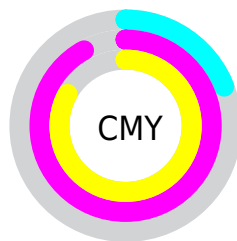
- Red (81%)
- Green (8%)
- Blue (17%)



- Red (81%)
- Yellow (8%)
- Blue (17%)



- Cyan (0%)
- Magenta (90%)
- Yellow (79%)
- Black (19%)





- Cyan (19%)
- Magenta (92%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4363, 13.9761, 3.5898 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 26.4363, 13.9761, 3.5898 by changing the saturation by 10% instead.


 26.4363, 13.9761,
3.5898


 26.4363, 13.9761,
3.5898


277.1349,
217.0821, 143.5506


 17.2847, 8.1040,
1.4031


 53.4043, 33.0466,
13.0521


 10.5343, 4.1616,
0.1442


 71.9514, 47.0139,
21.1648


 5.8196, 1.7644,
0.0000

 94.3610, 64.4483,
32.0899

 2.7753, 0.4648,
0.0000

 120.9986, 85.7343,
46.2460

 1.0361, 0.0000,
0.0000

 152.2294,
111.2563, 64.0515

 0.0000, 0.0000,
0.0000

 188.4188,

141.3987, 85.9251

229.9322,
176.5458, 112.2853

■ 26.4363, 13.9761,
3.5898

■ 26.4363, 13.9761,
3.5898

■ 25.9082, 13.3415,
2.1151

■ 27.3994, 15.2415,
5.9487

■ 25.9016, 13.3332,
2.0978

■ 28.9076, 17.3289,
9.3157

■ 31.0282, 20.3484,
13.7888

■ 33.8180, 24.3921,
19.4537

■ 37.3275, 29.5414,
26.3879

■ 41.6023, 35.8692,
34.6622

■ 46.6841, 43.4423,
44.3421

■ 52.6116, 52.3225,
55.4889

■ 59.4211, 62.5675,
68.1601

Harmonies

Analogous

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



29.1657, 13.9761, 14.8274



26.4363, 13.9761, 3.5898



20.0387, 13.9761, 0.5877

Triad

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



26.4363, 13.9761, 3.5898



5.3549, 13.9761, 3.8564



13.4218, 13.9761, 81.4586

Complementary

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



26.4363, 13.9761, 3.5898



31.3820, 48.2888, 53.5791

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.



8.2483, 13.9761, 68.7604



26.4363, 13.9761, 3.5898



4.5619, 13.9761, 15.6146

Square

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



26.4363, 13.9761, 3.5898



8.0763, 13.9761, 0.6503



5.4302, 13.9761, 40.1771



20.3535, 13.9761, 67.6904

Rectangle

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



26.4363, 13.9761, 3.5898



15.3185, 13.9761, 0.0000



5.4302, 13.9761, 40.1771



11.4379, 13.9761, 80.0853

Sweetspot

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



26.4366, 13.9770, 3.5900



68.6002, 60.3489, 59.2400



30.8704, 15.0120, 60.3016



14.1219, 12.0828, 11.6037



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.



26.4366, 13.9770, 3.5900



41.4760, 21.3544, 3.1729



29.4579, 20.5003, 3.1151



11.8647, 11.8306, 12.5636



16.3377, 8.4079, 1.4183



0.9329, 0.4779, 0.1815

Inverse Universe

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



26.4366, 13.9770, 3.5900



41.4760, 21.3544, 3.1729



20.7772, 23.0746, 62.3898



11.8647, 11.8306, 12.5636



16.3377, 8.4079, 1.4183



0.9329, 0.4779, 0.1815

Previews

White Background



This preview shows how the XYZ color 26.4363, 13.9761, 3.5898 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



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 26.4363, 13.9761, 3.5898

Background



This preview shows how black text looks on a background with the XYZ color 26.4363, 13.9761, 3.5898.



This preview shows how white text looks on a background with the XYZ color 26.4363, 13.9761,

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

26.4363, 13.9761, 3.5898

Protanopia

13.3106, 14.4027, 7.0795

Deuteranopia

14.4518, 14.1896, 3.1396



Tritanopia

26.2369, 14.0583, 2.0402

Trichromacy



Original Color

26.4363, 13.9761, 3.5898

Protanomaly

15.6490, 11.7171, 5.3077

Deuteranomaly

17.0392, 12.0956, 2.9500

Tritanomaly

26.2805, 14.0074, 2.4810

Monochromacy



Original Color

26.4363, 13.9761, 3.5898

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

11.1006, 7.8551, 6.0854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4363, 13.9761, 3.5898 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(207, 21, 43)` looks like.

```
.text, #text, p{  
    color:rgb(207, 21, 43)  
}
```

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(207, 21, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 21, 43) }
```

Border

The CSS property to change the border of an element to XYZ 26.4363, 13.9761, 3.5898 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(207, 21, 43) }
```


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

```
.border{ border-color:rgb(207, 21, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 21, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 21, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 21, 43);  
box-shadow:4px 4px 4px 4px rgb(207, 21,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4363, 13.9761, 3.5898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 21, 43) }
```

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

```
.background{ background-color: rgb(207, 21,  
43) }
```

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