

Converting Colors

XYZ(27.5063, 14.0059, 9.1548)

Have a look what the booklet for
XYZ(27.5063, 14.0059, 9.1548)
contains.

XYZ(27.5354, 14.0191, 9.2373)	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(27.5354, 14.0191,
9.2373)**

Conversions

Conversions Part 1

Format	Color
Hex	D00052
RGB	208, 0, 82
RGB Percent	82%, 0%, 32%
CMY	0.1843, 0.9998, 0.6784
CMYK	0.00, 1.00, 0.61, 0.18
HSL	336°, 100%, 41%
HSV	336°, 100%, 82%
XYZ	27.5354, 14.0191, 9.2373
YIQ	71.5400, 97.6460, 69.5980

Conversions

Conversions Part 2

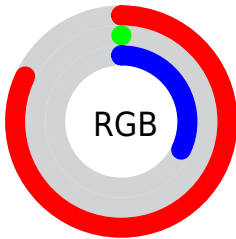
Format	Color
R_{YB}	208, 0, 82
Decimal	13631570
CIE _{Lab}	44.26, 71.10, 16.02
CIE _{LCh}	44, 72.881, 12.695
Yxy	14.0191, 0.5421, 0.2760
Android (android.graphics.Color)	4291821650 (0xFFD00052)
YUV	71.5400, 5.1568, 119.6754
Hunter-Lab	37.4421, 65.7476, 11.5821

Details

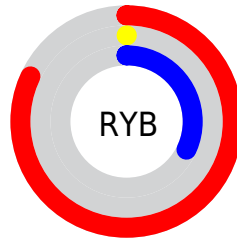
The XYZ color **27.5354, 14.0191, 9.2373** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **26.3250, 46.6192, 27.3642**, and the grayscale version is **6.0647, 6.3806, 6.9484**.

A 20% lighter version of the original color is **48.8265, 29.8781, 24.6663**, and **12.2039, 6.2509, 2.3971** is the 20% darker color. If you saturate the color by 10%, you get **27.5343, 14.0186, 9.2320**, and if you desaturate by 10%, it is **28.3251, 14.7594, 12.0880**.

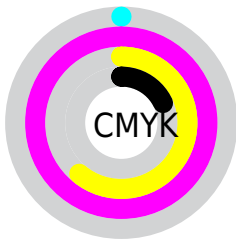
Distribution



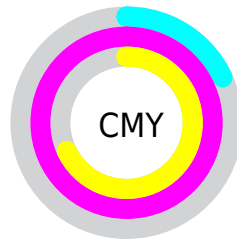
- Red (82%)
- Green (0%)
- Blue (32%)



- Red (82%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5354, 14.0191, 9.2373 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 27.5354, 14.0191, 9.2373 by changing the saturation by 10% instead.


 27.5354, 14.0191,
9.2373


 27.5354, 14.0191,
9.2373


282.3607,
217.3496, 195.4212


 18.1144, 8.1340,
4.7974


 55.1557, 33.1229,
24.9357


 11.1323, 4.1808,
2.0722


 74.0856, 47.1104,
37.0312

 6.2239, 1.7752,
0.5992


 96.9160, 64.5674,
52.5157

 3.0236, 0.4716,
0.0000

 124.0121, 85.8783,
71.8077

 1.1663, 0.0000,
0.0000

 155.7392,
111.4277, 95.3257

 0.0795, 0.0000,
0.0000

 192.4628,

 0.0000, 0.0000,

141.5997, 123.4882

0.0000

234.5482,
176.7789, 156.7139

■ 27.5354, 14.0191,
9.2373

■ 27.5354, 14.0191,
9.2373

■ 27.5343, 14.0186,
9.2320

■ 28.3251, 14.7594,
12.0880

■ 29.4923, 16.1064,
15.5211

■ 31.1376, 18.2549,
19.5906

■ 33.3172, 21.3109,
24.3347

■ 36.0788, 25.3639,
29.7875

■ 39.4646, 30.4928,
35.9802

■ 43.5126, 36.7683,
42.9422

■ 48.2578, 44.2551,
50.7006

■ 53.7325, 53.0131,
59.2816

Harmonies

Analogous

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



27.1583, 14.0191, 26.9519



27.5354, 14.0191, 9.2373



23.3854, 14.0191, 2.2004

Triad

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



27.5354, 14.0191, 9.2373



7.0743, 14.0191, 1.7354



10.2591, 14.0191, 71.0582

Complementary

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



27.5354, 14.0191, 9.2373



26.3250, 46.6192, 27.3642

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.



6.6642, 14.0191, 49.0510



27.5354, 14.0191, 9.2373



5.2286, 14.0191, 7.5644

Square

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



27.5354, 14.0191, 9.2373



11.0086, 14.0191, 0.3643



5.1045, 14.0191, 23.4681



15.9448, 14.0191, 72.9389

Rectangle

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



27.5354, 14.0191, 9.2373



19.1606, 14.0191, 0.8075



5.1045, 14.0191, 23.4681



8.8134, 14.0191, 65.2965

Sweetspot

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



27.5357, 14.0200, 9.2375



68.7253, 57.8862, 67.6450



19.8163, 8.9012, 60.3478



14.0995, 11.4390, 13.4428



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.



27.5357, 14.0200, 9.2375



43.5644, 22.1898, 14.1700



26.2777, 13.9404, 1.3070



11.9989, 11.8843, 13.2702



17.2055, 8.7550, 5.9881



1.0006, 0.5050, 0.5381

Inverse Universe

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



27.5357, 14.0200, 9.2375



43.5644, 22.1898, 14.1700



29.1993, 40.1815, 65.8910



11.9989, 11.8843, 13.2702



17.2055, 8.7550, 5.9881



1.0006, 0.5050, 0.5381

Previews

White Background



This preview shows how the XYZ color 27.5354, 14.0191, 9.2373 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

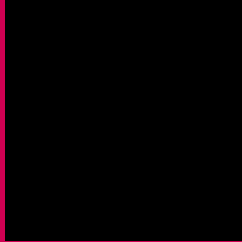
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.5354, 14.0191, 9.2373

Background



This preview shows how black text looks on a background with the XYZ color 27.5354, 14.0191, 9.2373.



This preview shows how white text looks on a background with the XYZ color 27.5354, 14.0191,

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

27.5354, 14.0191, 9.2373

Protanopia

14.3699, 14.6674, 19.8430

Deuteranopia

14.8561, 14.5730, 8.3332



Tritanopia

26.2448, 14.3085, 2.6749

Trichromacy



Original Color

27.5354, 14.0191, 9.2373

Protanomaly

15.7640, 10.8057, 14.8905

Deuteranomaly

17.0994, 11.4705, 8.1503

Tritanomaly

26.5760, 14.0320, 4.3253

Monochromacy



Original Color

27.5354, 14.0191, 9.2373

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

10.1667, 6.5407, 7.5641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5354, 14.0191, 9.2373 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(208, 0, 82)` looks like.

```
.text, #text, p{  
    color:rgb(208, 0, 82)  
}
```

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(208, 0, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 0, 82) }
```

Border

The CSS property to change the border of an element to XYZ 27.5354, 14.0191, 9.2373 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(208, 0, 82) }
```


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

```
.border{ border-color:rgb(208, 0, 82) }
```

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

Here you see how a box with a 4 pixel rgb(208, 0, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 0, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 0, 82);  
box-shadow:4px 4px 4px 4px rgb(208, 0, 82)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.5354, 14.0191, 9.2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 0, 82) }
```

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

```
.background{ background-color: rgb(208, 0,  
82) }
```

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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