

Converting Colors

XYZ(25.3031, 14.9164, 3.2557)

Have a look what the booklet for
XYZ(25.3031, 14.9164, 3.2557)
contains.

XYZ(25.4264, 14.9591, 3.2975)	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(25.4264, 14.9591,
3.2975)**

Conversions

Conversions Part 1

Format	Color
Hex	C83525
RGB	200, 53, 37
RGB Percent	78%, 21%, 15%
CMY	0.2157, 0.7921, 0.8549
CMYK	0.00, 0.73, 0.81, 0.22
HSL	6°, 69%, 46%
HSV	6°, 81%, 78%
XYZ	25.4264, 14.9591, 3.2975
YIQ	95.1290, 92.7480, 26.1880

Conversions

Conversions Part 2

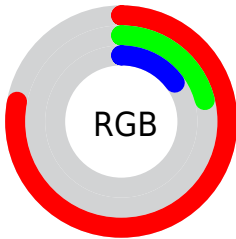
Format	Color
R_{YB}	200, 55, 37
Decimal	13120805
CIE Lab	45.58, 56.75, 43.83
CIE LCh	46, 71.702, 37.681
Yxy	14.9591, 0.5821, 0.3424
Android (android.graphics.Color)	4291310885 (0xFFC83525)
YUV	95.1290, -28.6576, 91.9719
Hunter-Lab	38.6770, 49.6618, 22.0190

Details

The XYZ color **25.4264, 14.9591, 3.2975** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **28.3264, 38.8398, 60.6470**, and the grayscale version is **10.9601, 11.5309, 12.5572**.

A 20% lighter version of the original color is **48.4162, 33.0520, 12.2154**, and **10.4812, 5.4033, 0.4905** is the 20% darker color. If you saturate the color by 10%, you get **24.5207, 13.5203, 1.8476**, and if you desaturate by 10%, it is **26.8139, 17.0870, 5.7558**.

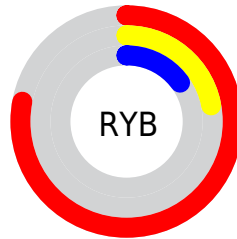
Distribution



Red (78%)

Green (21%)

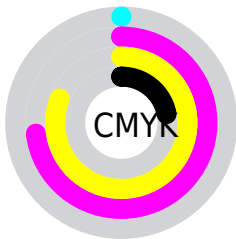
Blue (15%)



Red (78%)

Yellow (22%)

Blue (15%)

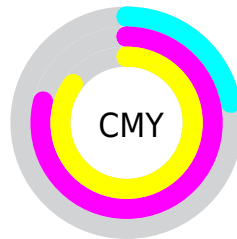


Cyan (0%)

Magenta (73%)

Yellow (81%)

Black (22%)



Cyan (22%)


Magenta (79%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4264, 14.9591, 3.2975 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 25.4264, 14.9591, 3.2975 by changing the saturation by 10% instead.


 25.4264, 14.9591,
3.2975

 25.4264, 14.9591,
3.2975


272.2635,
223.1185, 140.0639


 16.5254, 8.7907,
1.2485


 51.7861, 34.7814,
12.3541


 9.9899, 4.6049,
0.0190


 69.9755, 49.2041,
20.1988


 5.4545, 2.0174,
0.0000

 91.9917, 67.1470,
30.8124

 2.5538, 0.6175,
0.0000

 118.2002, 88.9945,
44.6136

 0.9225, 0.0000,
0.0000

 148.9663,
115.1310, 62.0207

 0.0000, 0.0000,
0.0000

 184.6553,

145.9409, 83.4525

225.6326,
181.8086, 109.3274

25.4264, 14.9591,
3.2975

25.4264, 14.9591,
3.2975

24.5207, 13.5203,
1.8476

26.8139, 17.0870,
5.7558

24.0631, 12.7671,
1.1960

28.7379, 19.9734,
9.3618

31.2468, 23.6821,
14.2335

34.3830, 28.2695,
20.4740

38.1853, 33.7868,
28.1758

■ 42.6889, 40.2815,
37.4234

■ 47.9270, 47.7976,
48.2947

■ 53.9304, 56.3768,
60.8625

■ 60.7280, 66.0580,
75.1951

Harmonies

Analogous

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



28.9677, 14.9591, 12.2635



25.4264, 14.9591, 3.2975



19.0585, 14.9591, 0.8566

Triad

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



25.4264, 14.9591, 3.2975



6.0006, 14.9591, 6.6949



15.8145, 14.9591, 75.7648

Complementary

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



25.4264, 14.9591, 3.2975



28.3264, 38.8398, 60.6470

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.



10.2757, 14.9591, 69.8607



25.4264, 14.9591, 3.2975



5.5831, 14.9591, 21.1085

Square

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



25.4264, 14.9591, 3.2975



8.2738, 14.9591, 1.6430



6.9095, 14.9591, 45.9329



22.4887, 14.9591, 58.8526

Rectangle

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



25.4264, 14.9591, 3.2975



14.6896, 14.9591, 0.4852



6.9095, 14.9591, 45.9329



13.7569, 14.9591, 76.5169

Sweetspot

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



25.4267, 14.9600, 3.2977



71.5657, 66.3672, 59.9595



33.3880, 17.1653, 48.2401



14.7116, 13.3310, 11.5882



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.



25.4267, 14.9600, 3.2977



41.7233, 22.1819, 2.2289



32.4157, 28.9379, 5.6274



10.7163, 10.8017, 11.0829



15.3310, 8.1791, 0.7707



0.7552, 0.4458, 0.0462

Inverse Universe

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



28.3264, 38.8398, 60.6470



46.5372, 64.0996, 104.5274



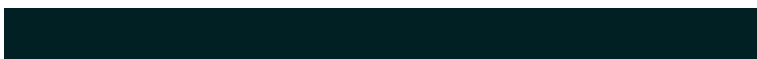
16.2313, 14.6496, 56.6153



10.8543, 11.8826, 13.6390



17.0890, 23.5719, 38.3935



0.8356, 1.1690, 1.8267

Previews

White Background



This preview shows how the XYZ color 25.4264, 14.9591, 3.2975 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 25.4264, 14.9591, 3.2975

Background



This preview shows how black text looks on a background with the XYZ color 25.4264, 14.9591, 3.2975.



This preview shows how white text looks on a background with the XYZ color 25.4264, 14.9591,

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

25.4264, 14.9591, 3.2975

Protanopia

13.8342, 15.1783, 5.4494

Deuteranopia

15.3116, 15.0768, 2.8622



Tritanopia

25.6458, 14.9041, 4.8932

Trichromacy



Original Color

25.4264, 14.9591, 3.2975

Protanomaly

16.4799, 13.7396, 4.4727

Deuteranomaly

17.9435, 14.0497, 2.8030

Tritanomaly

25.5605, 14.9406, 4.2260

Monochromacy



Original Color

25.4264, 14.9591, 3.2975

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

13.7776, 11.2183, 7.9178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4264, 14.9591, 3.2975 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(200, 53, 37)` looks like.

```
.text, #text, p{  
    color:rgb(200, 53, 37)  
}
```

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(200, 53, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 53, 37) }
```

Border

The CSS property to change the border of an element to XYZ 25.4264, 14.9591, 3.2975 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(200, 53, 37) }
```


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

```
.border{ border-color:rgb(200, 53, 37) }
```

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

Here you see how a box with a 4 pixel rgb(200, 53, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 53, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 53, 37);  
box-shadow:4px 4px 4px 4px rgb(200, 53,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4264, 14.9591, 3.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 53, 37) }
```

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

```
.background{ background-color: rgb(200, 53,  
37) }
```

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