

Converting Colors

XYZ(24.9003, 14.6185, 2.2602)

Have a look what the booklet for
XYZ(24.9003, 14.6185, 2.2602)
contains.

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Color

**XYZ(24.9260, 14.6560,
2.2742)**

Conversions

Conversions Part 1

Format	Color
Hex	C73416
RGB	199, 52, 22
RGB Percent	78%, 20%, 9%
CMY	0.2196, 0.7960, 0.9137
CMYK	0.00, 0.74, 0.89, 0.22
HSL	10°, 80%, 43%
HSV	10°, 89%, 78%
XYZ	24.9260, 14.6560, 2.2742
YIQ	92.5330, 97.2420, 21.8340

Conversions

Conversions Part 2

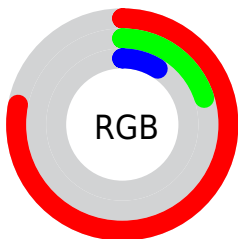
Format	Color
R_{YB}	199, 58, 22
Decimal	13054998
CIE Lab	45.16, 56.42, 50.37
CIE LCh	45, 75.635, 41.754
Yxy	14.6560, 0.5955, 0.3502
Android (android.graphics.Color)	4291245078 (0xFFC73416)
YUV	92.5330, -34.7728, 93.3716
Hunter-Lab	38.2832, 49.2251, 23.2761

Details

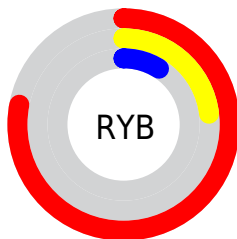
The XYZ color **24.9260, 14.6560, 2.2742** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **24.8257, 32.6663, 59.0292**, and the grayscale version is **10.3592, 10.8987, 11.8686**.

A 20% lighter version of the original color is **47.8141, 32.6395, 9.5743**, and **10.1533, 5.2342, 0.4752** is the 20% darker color. If you saturate the color by 10%, you get **24.1799, 13.3774, 1.3680**, and if you desaturate by 10%, it is **26.0689, 16.5079, 3.9936**.

Distribution



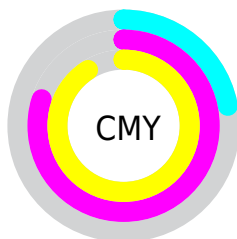
- Red (78%)
- Green (20%)
- Blue (9%)



- Red (78%)
- Yellow (23%)
- Blue (9%)



- Cyan (0%)
- Magenta (74%)
- Yellow (89%)
- Black (22%)





- Cyan (22%)
- Magenta (80%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9260, 14.6560, 2.2742 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 24.9260, 14.6560, 2.2742 by changing the saturation by 10% instead.


 24.9260, 14.6560,
2.2742


 24.9260, 14.6560,
2.2742


269.8237,
221.2745, 126.4990


 16.1504, 8.5783,
0.7167


 50.9809, 34.2486,
9.7777


 9.7221, 4.4672,
0.0000


 68.9909, 48.5322,
16.5814


 5.2760, 1.9382,
0.0000

 90.8097, 66.3200,
25.9778

 2.4465, 0.5712,
0.0000

 116.8027, 87.9963,
38.3855

 0.8684, 0.0000,
0.0000


 147.3352,
113.9455, 54.2228


 0.0000, 0.0000,
0.0000


 182.7727,


144.5520, 73.9085


 223.4804,
180.2002, 97.8611


 24.9260, 14.6560,
2.2742

 24.9260, 14.6560,
2.2742


 24.1799, 13.3774,
1.3680


 26.0689, 16.5079,
3.9936

 24.1176, 13.2713,
1.2905

 27.6705, 18.9945,
6.7368

 29.7757, 22.1687,
10.6328

 32.4235, 26.0773,
15.7914

 35.6489, 30.7626,
22.3095

■ 39.4840, 36.2639,
30.2746

■ 43.9585, 42.6177,
39.7666

■ 49.1000, 49.8583,
50.8599

■ 54.9346, 58.0180,
63.6237

Harmonies

Analogous

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



29.2749, 14.6560, 9.9350



24.9260, 14.6560, 2.2742



18.0315, 14.6560, 0.4215

Triad

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



24.9260, 14.6560, 2.2742



5.3638, 14.6560, 7.4403



16.5182, 14.6560, 78.7116

Complementary

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



24.9260, 14.6560, 2.2742



24.8257, 32.6663, 59.0292

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.



10.5031, 14.6560, 75.8311



24.9260, 14.6560, 2.2742



5.1800, 14.6560, 24.0250

Square

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



24.9260, 14.6560, 2.2742



7.3739, 14.6560, 1.6035



6.7633, 14.6560, 51.4875



23.5375, 14.6560, 57.7278

Rectangle

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



24.9260, 14.6560, 2.2742



13.5663, 14.6560, 0.1581



6.7633, 14.6560, 51.4875



14.3003, 14.6560, 80.7691

Sweetspot

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



24.9263, 14.6569, 2.2744



70.2726, 65.1190, 55.4035



31.0484, 15.5993, 39.1571



14.5039, 13.1713, 10.7306



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.



24.9263, 14.6569, 2.2744



42.1124, 23.0048, 2.2208



33.0759, 30.9561, 4.9910



10.7768, 10.9227, 11.1031



15.5527, 8.6226, 0.8446



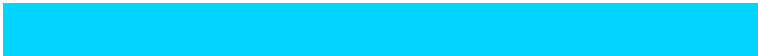
0.7828, 0.5011, 0.0555

Inverse Universe

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



24.8257, 32.6663, 59.0292



41.5350, 54.1899, 102.8783



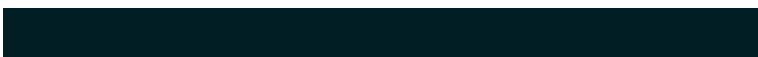
13.5821, 10.1790, 55.2813



10.7878, 11.7496, 13.6168



15.3669, 20.1277, 37.8195



0.7693, 1.0363, 1.8046

Previews

White Background



This preview shows how the XYZ color 24.9260, 14.6560, 2.2742 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 24.9260, 14.6560, 2.2742 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 24.9260, 14.6560, 2.2742

Background



This preview shows how black text looks on a background with the XYZ color 24.9260, 14.6560, 2.2742.



This preview shows how white text looks on a background with the XYZ color 24.9260, 14.6560,

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

24.9260, 14.6560, 2.2742

Protanopia

13.5511, 14.9114, 3.7541

Deuteranopia

14.9047, 14.7370, 2.0590



Tritanopia

25.5153, 14.7150, 4.6274

Trichromacy



Original Color

24.9260, 14.6560, 2.2742

Protanomaly

16.1185, 13.4627, 2.9773

Deuteranomaly

17.5122, 13.7291, 1.9567

Tritanomaly

25.3430, 14.7138, 3.5118

Monochromacy



Original Color

24.9260, 14.6560, 2.2742

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

13.2532, 10.7596, 6.6885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9260, 14.6560, 2.2742 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(199, 52, 22)` looks like.

```
.text, #text, p{  
    color:rgb(199, 52, 22)  
}
```

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(199, 52, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 52, 22) }
```

Border

The CSS property to change the border of an element to XYZ 24.9260, 14.6560, 2.2742 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(199, 52, 22) }
```


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

```
.border{ border-color:rgb(199, 52, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 52, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 52, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 52, 22);  
box-shadow:4px 4px 4px 4px rgb(199, 52,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9260, 14.6560, 2.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 52, 22) }
```

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

```
.background{ background-color: rgb(199, 52,  
22) }
```

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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