

Converting Colors

XYZ(24.7114, 13.9641, 5.9600)

Have a look what the booklet for
XYZ(24.7114, 13.9641, 5.9600)
contains.

XYZ(24.7961, 14.0195, 5.9566)	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(24.7961, 14.0195,
5.9566)**

Conversions

Conversions Part 1

Format	Color
Hex	C52C3E
RGB	197, 44, 62
RGB Percent	77%, 17%, 24%
CMY	0.2275, 0.8274, 0.7569
CMYK	0.00, 0.78, 0.69, 0.23
HSL	353°, 63%, 47%
HSV	353°, 78%, 77%
XYZ	24.7961, 14.0195, 5.9566
YIQ	91.7990, 85.4100, 38.0340

Conversions

Conversions Part 2

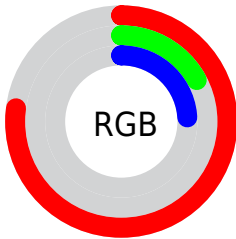
Format	Color
R_{YB}	197, 44, 62
Decimal	12921918
CIE Lab	44.26, 59.74, 27.97
CIE LCh	44, 65.966, 25.092
Yxy	14.0195, 0.5538, 0.3131
Android (android.graphics.Color)	4291111998 (0xFFC52C3E)
YUV	91.7990, -14.6909, 92.2613
Hunter-Lab	37.4426, 52.6857, 16.7776

Details

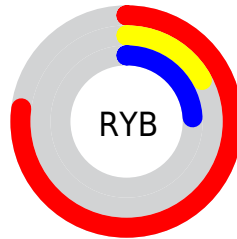
The XYZ color **24.7961, 14.0195, 5.9566** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **29.1432, 43.7230, 49.5573**, and the grayscale version is **10.1467, 10.6751, 11.6252**.

A 20% lighter version of the original color is **48.8506, 32.0646, 18.0824**, and **10.1179, 5.2014, 1.1325** is the 20% darker color. If you saturate the color by 10%, you get **23.8252, 12.7230, 3.6442**, and if you desaturate by 10%, it is **26.2683, 16.0748, 9.1890**.

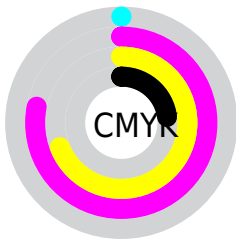
Distribution



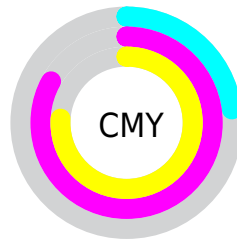
- Red (77%)
- Green (17%)
- Blue (24%)



- Red (77%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (78%)
- Yellow (69%)
- Black (23%)





- Cyan (23%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.7961, 14.0195, 5.9566 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 24.7961, 14.0195, 5.9566 by changing the saturation by 10% instead.


 24.7961, 14.0195,
5.9566


 24.7961, 14.0195,
5.9566


269.1874,
217.3521, 167.9758


 16.0531, 8.1342,
2.7503


 50.7715, 33.1236,
18.3169


 9.6528, 4.1810,
0.9686


 68.7347, 47.1113,
28.3079

 5.2299, 1.7753,
0.0000

 90.5020, 64.5685,
41.3977

 2.4189, 0.4717,
0.0000

 116.4387, 85.8797,
58.0047

 0.8545, 0.0000,
0.0000

 146.9103,
111.4292, 78.5475

 0.0000, 0.0000,
0.0000

 182.2820,

141.6016, 103.4446

222.9192,
176.7811, 133.1145

■ 24.7961, 14.0195,
5.9566

■ 24.7961, 14.0195,
5.9566

■ 23.8252, 12.7230,
3.6442

■ 26.2683, 16.0748,
9.1890

■ 23.2764, 12.0506,
2.1503

■ 28.2975, 18.9788,
13.4245

■ 23.1820, 11.9327,
1.9006

■ 30.9331, 22.8115,
18.7376

■ 34.2186, 27.6429,
25.1955

■ 38.1935, 33.5364,
32.8600

■ 42.8943, 40.5501,
41.7883

■ 48.3546, 48.7378,
52.0339

■ 54.6062, 58.1499,
63.6474

■ 61.6790, 68.8339,
76.6767

Harmonies

Analogous

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



26.2156, 14.0195, 17.8899



24.7961, 14.0195, 5.9566



20.0201, 14.0195, 1.6811

Triad

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



24.7961, 14.0195, 5.9566



6.6131, 14.0195, 3.9394



12.4753, 14.0195, 66.4231

Complementary

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



24.7961, 14.0195, 5.9566



29.1432, 43.7230, 49.5573

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.



8.3188, 14.0195, 53.6786



24.7961, 14.0195, 5.9566



5.5536, 14.0195, 12.9100

Square

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



24.7961, 14.0195, 5.9566



9.4668, 14.0195, 1.1719



6.0834, 14.0195, 31.2129



18.1108, 14.0195, 59.6388

Rectangle

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



24.7961, 14.0195, 5.9566



16.1113, 14.0195, 0.8785



6.0834, 14.0195, 31.2129



10.8802, 14.0195, 64.1258

Sweetspot

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



24.7964, 14.0203, 5.9568



71.8678, 65.2215, 65.4549



29.0198, 15.1338, 54.2144



14.7481, 13.0147, 12.8005



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.



24.7964, 14.0203, 5.9568



41.9418, 21.8829, 4.5706



28.0481, 21.1872, 4.9954



10.6837, 10.6569, 11.3179



15.2644, 7.8553, 1.3363



0.7401, 0.3789, 0.1547

Inverse Universe

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



24.7964, 14.0203, 5.9568



41.9418, 21.8829, 4.5706



20.6280, 23.5885, 56.2886



10.6837, 10.6569, 11.3179



15.2644, 7.8553, 1.3363



0.7401, 0.3789, 0.1547

Previews

White Background



This preview shows how the XYZ color 24.7961, 14.0195, 5.9566 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 24.7961, 14.0195, 5.9566 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 24.7961, 14.0195, 5.9566

Background



This preview shows how black text looks on a background with the XYZ color 24.7961, 14.0195, 5.9566.

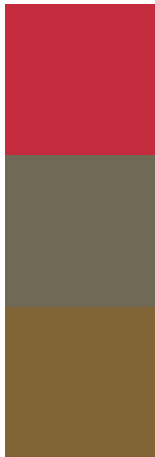


This preview shows how white text looks on a background with the XYZ color 24.7961, 14.0195,

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

24.7961, 14.0195, 5.9566

Protanopia

13.3734, 14.2038, 10.6311

Deuteranopia

14.5255, 14.3195, 5.4884



Tritanopia

24.5760, 14.1167, 4.2258

Trichromacy



Original Color

24.7961, 14.0195, 5.9566

Protanomaly

15.7605, 12.5620, 8.6152

Deuteranomaly

16.9336, 12.9028, 5.4689

Tritanomaly

24.6456, 14.0813, 4.7872

Monochromacy



Original Color

24.7961, 14.0195, 5.9566

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

13.2072, 10.3721, 9.0905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7961, 14.0195, 5.9566 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(197, 44, 62)` looks like.

```
.text, #text, p{  
    color:rgb(197, 44, 62)  
}
```

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(197, 44, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 44, 62) }
```

Border

The CSS property to change the border of an element to XYZ 24.7961, 14.0195, 5.9566 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(197, 44, 62) }
```


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

```
.border{ border-color:rgb(197, 44, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 44, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 44, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 44, 62);  
box-shadow:4px 4px 4px 4px rgb(197, 44,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7961, 14.0195, 5.9566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 44, 62) }
```

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

```
.background{ background-color: rgb(197, 44,  
62) }
```

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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