

Converting Colors

XYZ(24.7601, 12.9595, 1.1964)

Have a look what the booklet for
XYZ(24.7601, 12.9595, 1.1964)
contains.

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Color

**XYZ(24.7601, 12.9595,
1.1964)**

Conversions

Conversions Part 1

Format	Color
Hex	CB0C00
RGB	203, 12, 0
RGB Percent	80%, 5%, 0%
CMY	0.2039, 0.9528, 1.0000
CMYK	0.00, 0.94, 1.00, 0.20
HSL	4°, 100%, 40%
HSV	4°, 100%, 80%
XYZ	24.7601, 12.9595, 1.1964
YIQ	67.7410, 117.6880, 36.7600

Conversions

Conversions Part 2

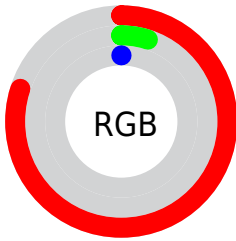
Format	Color
RYB	203, 13, 0
Decimal	13306880
CIELab	42.70, 66.30, 56.75
CIElCh	43, 87.273, 40.559
Yxy	12.9595, 0.6362, 0.3330
Android (android.graphics.Color)	4291496960 (0xFFCB0C00)
YUV	67.7410, -33.3963, 118.6221
Hunter-Lab	35.9993, 59.7724, 23.2291

Details

The XYZ color **24.7601, 12.9595, 1.1964** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **29.4013, 41.5555, 62.9709**, and the grayscale version is **5.4950, 5.7811, 6.2957**.

A 20% lighter version of the original color is **45.3723, 28.4965, 6.4771**, and **10.4812, 5.4033, 0.4905** is the 20% darker color. If you saturate the color by 10%, you get **24.7604, 12.9603, 1.1966**, and if you desaturate by 10%, it is **25.2509, 13.7351, 1.9962**.

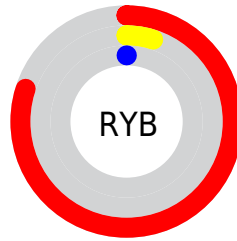
Distribution



Red (80%)

Green (5%)

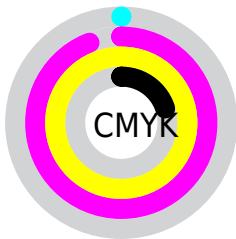
Blue (0%)



Red (80%)

Yellow (5%)

Blue (0%)

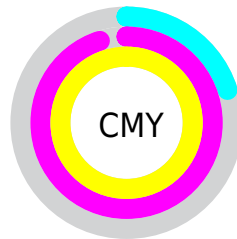


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (95%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7601, 12.9595, 1.1964 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 24.7601, 12.9595, 1.1964 by changing the saturation by 10% instead.


 24.7601, 12.9595,
1.1964


 24.7601, 12.9595,
1.1964


 269.0108,
210.6579, 108.2892


 16.0262, 7.4007,
0.0000


 50.7135, 31.2310,
6.6967


 9.6337, 3.7139,
0.0000


 68.6636, 44.7125,
12.1123

 5.2171, 1.5149,
0.0000

 90.4166, 61.6036,
19.8628

 2.4113, 0.2991,
0.0000

 116.3377, 82.2888,
30.3669


 0.8507, 0.0000,
0.0000


 146.7924,
107.1524, 44.0430


 0.0000, 0.0000,
0.0000


 182.1458,


136.5789, 61.3097


 222.7636,
170.9526, 82.5856


 24.7601, 12.9595,
1.1964

 24.7601, 12.9595,
1.1964


 24.7604, 12.9603,
1.1966

 25.2509, 13.7351,
1.9962

 26.1723, 15.1548,
3.6071

 27.6164, 17.3290,
6.2900

 29.6457, 20.3427,
10.1879

 32.3140, 24.2699,
15.4221

■ 35.6687, 29.1763,
22.0989

■ 39.7529, 35.1214,
30.3143

■ 44.6060, 42.1601,
40.1556

■ 50.2648, 50.3437,
51.7039

Harmonies

Analogous

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



29.5762, 12.9595, 8.4231



24.7601, 12.9595, 1.1964



17.0655, 12.9595, 0.0000

Triad

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



24.7601, 12.9595, 1.1964



3.7840, 12.9595, 5.1146



14.8039, 12.9595, 89.0092

Complementary

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



24.7601, 12.9595, 1.1964



29.4013, 41.5555, 62.9709

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.



8.5437, 12.9595, 84.1069



24.7601, 12.9595, 1.1964



3.5562, 12.9595, 21.9121

Square

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



24.7601, 12.9595, 1.1964



5.7498, 12.9595, 0.5117



4.9501, 12.9595, 53.6407



22.6028, 12.9595, 63.9784

Rectangle

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



24.7601, 12.9595, 1.1964



12.1937, 12.9595, 0.0000



4.9501, 12.9595, 53.6407



12.4423, 12.9595, 91.1300

Sweetspot

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



24.7604, 12.9603, 1.1966



66.2674, 58.3769, 50.1584



34.2372, 16.5399, 51.7520



13.5303, 11.5445, 9.4182



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.



24.7604, 12.9603, 1.1966



41.4126, 21.6052, 1.9875



30.3840, 24.2076, 3.0711



11.2648, 11.3186, 11.6704



15.7802, 8.2934, 0.7691



0.8332, 0.4661, 0.0460

Inverse Universe

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



29.4013, 41.5555, 62.9709



49.1734, 69.4668, 105.4245



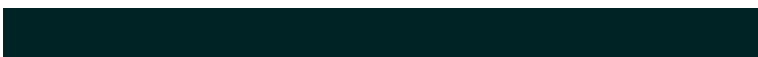
14.5505, 11.8539, 58.0206



11.4841, 12.6086, 14.3988



18.7349, 26.4938, 40.0826



0.9842, 1.4022, 2.0737

Previews

White Background



This preview shows how the XYZ color 24.7601, 12.9595, 1.1964 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 24.7601, 12.9595, 1.1964

Background



This preview shows how black text looks on a background with the XYZ color 24.7601, 12.9595, 1.1964.



This preview shows how white text looks on a background with the XYZ color 24.7601, 12.9595,

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

24.7601, 12.9595, 1.1964

Protanopia

12.1069, 13.4199, 2.9295

Deuteranopia

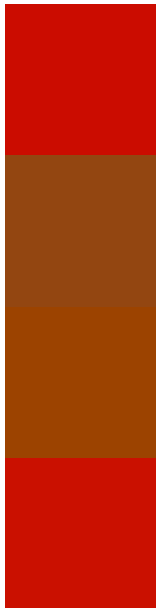
13.4209, 13.4025, 1.8796



Tritanopia

24.5734, 12.9892, 1.2120

Trichromacy



Original Color

24.7601, 12.9595, 1.1964

Protanomaly

14.3240, 10.6238, 1.8260

Deuteranomaly

15.7175, 11.0822, 1.3107

Tritanomaly

24.5424, 12.9271, 1.2017

Monochromacy



Original Color

24.7601, 12.9595, 1.1964

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

8.8291, 6.0702, 2.9918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7601, 12.9595, 1.1964 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(203, 12, 0)` looks like.

```
.text, #text, p{  
    color:rgb(203, 12, 0)  
}
```

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(203, 12, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 12, 0) }
```

Border

The CSS property to change the border of an element to XYZ 24.7601, 12.9595, 1.1964 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(203, 12, 0) }
```


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

```
.border{ border-color:rgb(203, 12, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 12, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 12, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 12, 0);  
box-shadow:4px 4px 4px 4px rgb(203, 12, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 24.7601, 12.9595, 1.1964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 12, 0) }
```

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

```
.background{ background-color: rgb(203, 12,  
0) }
```

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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