

Converting Colors

XYZ(24.4725, 13.5607, 1.4433)

Have a look what the booklet for
XYZ(24.4725, 13.5607, 1.4433)
contains.

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Color

**XYZ(24.4722, 13.5499,
1.4404)**

Conversions

Conversions Part 1

Format	Color
Hex	C82404
RGB	200, 36, 4
RGB Percent	78%, 14%, 2%
CMY	0.2157, 0.8588, 0.9843
CMYK	0.00, 0.82, 0.98, 0.22
HSL	10°, 96%, 40%
HSV	10°, 98%, 78%
XYZ	24.4722, 13.5499, 1.4404
YIQ	81.3880, 108.0160, 24.8160

Conversions

Conversions Part 2

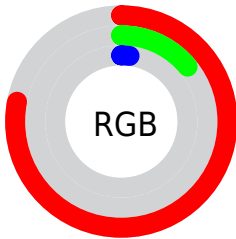
Format	Color
R_{YB}	200, 42, 4
Decimal	13116420
CIE _{Lab}	43.58, 61.28, 55.42
CIE _{LCh}	44, 82.623, 42.129
Yxy	13.5499, 0.6201, 0.3434
Android (android.graphics.Color)	4291306500 (0xFFC82404)
YUV	81.3880, -38.1523, 104.0227
Hunter-Lab	36.8102, 54.2528, 23.4471

Details

The XYZ color **24.4722, 13.5499, 1.4404** 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 **24.4749, 32.1951, 59.5674**, and the grayscale version is **7.9578, 8.3723, 9.1174**.

A 20% lighter version of the original color is **46.3462, 30.2908, 7.2749**, and **10.1533, 5.2342, 0.4752** is the 20% darker color. If you saturate the color by 10%, you get **24.3539, 13.3487, 1.2930**, and if you desaturate by 10%, it is **25.2458, 14.8686, 2.4035**.

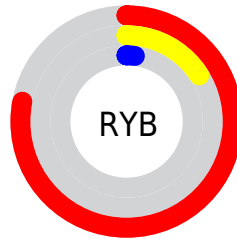
Distribution



Red (78%)

Green (14%)

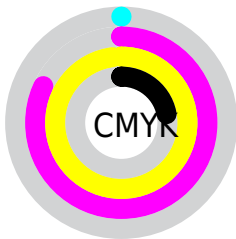
Blue (2%)



Red (78%)

Yellow (16%)

Blue (2%)

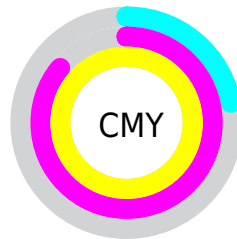


Cyan (0%)

Magenta (82%)

Yellow (98%)

Black (22%)



Cyan (22%)


Magenta (86%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4722, 13.5499, 1.4404 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 24.4722, 13.5499, 1.4404 by changing the saturation by 10% instead.


 24.4722, 13.5499,
1.4404


 24.4722, 13.5499,
1.4404


 267.5955,
214.4125, 112.9730


 15.8109, 7.8083,
0.1729


 50.2488, 32.2882,
7.4451

 9.4804, 3.9725,
0.0000


 68.0947, 46.0537,
13.2162

 5.1155, 1.6582,
0.0000

 89.7330, 63.2627,
21.3912

 2.3506, 0.3964,
0.0000

 115.5288, 84.2994,
32.3886


 0.8204, 0.0000,
0.0000


 145.8476,
109.5484, 46.6269


 0.0000, 0.0000,
0.0000


 181.0548,


139.3939, 64.5247


 221.5156,
174.2205, 86.5006


 24.4722, 13.5499,
1.4404


 24.4722, 13.5499,
1.4404


 24.3539, 13.3487,
1.2930

 25.2458, 14.8686,
2.4035

 26.4317, 16.7769,
4.2281

 28.0896, 19.3394,
7.1029

 30.2645, 22.6095,
11.1565

 32.9961, 26.6351,
16.4987

■ 36.3199, 31.4597,
23.2268

■ 40.2686, 37.1235,
31.4287

■ 44.8723, 43.6641,
41.1849

■ 50.1593, 51.1167,
52.5701

Harmonies

Analogous

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



29.2551, 13.5499, 8.4665



24.4722, 13.5499, 1.4404



17.0824, 13.5499, 0.0000

Triad

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



24.4722, 13.5499, 1.4404



4.3010, 13.5499, 6.3035



15.6710, 13.5499, 84.1018

Complementary

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



24.4722, 13.5499, 1.4404



24.4749, 32.1951, 59.5674

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.



9.4284, 13.5499, 81.1905



24.4722, 13.5499, 1.4404



4.1477, 13.5499, 23.5687

Square

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



24.4722, 13.5499, 1.4404



6.2106, 13.5499, 0.9691



5.6847, 13.5499, 53.8351



23.1460, 13.5499, 60.0362

Rectangle

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



24.4722, 13.5499, 1.4404



12.4225, 13.5499, 0.0000



5.6847, 13.5499, 53.8351



13.3461, 13.5499, 86.5833

Sweetspot

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



24.4725, 13.5507, 1.4406



68.6842, 62.7954, 52.2436



31.1752, 15.2911, 39.6365



14.0536, 12.5132, 9.8329



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.



24.4725, 13.5507, 1.4406



42.0557, 22.8914, 2.2019



32.0112, 28.6282, 3.9535



10.7715, 10.9122, 11.1013



15.5294, 8.5759, 0.8368



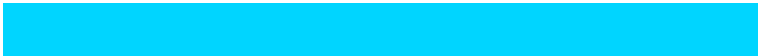
0.7804, 0.4963, 0.0547

Inverse Universe

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



24.4749, 32.1951, 59.5674



41.9315, 54.9831, 103.0105



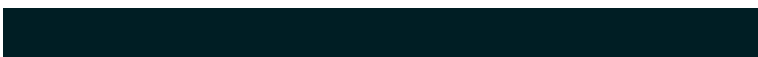
12.8317, 8.9086, 55.6863



10.7935, 11.7611, 13.6187



15.5095, 20.4129, 37.8670



0.7748, 1.0475, 1.8065

Previews

White Background



This preview shows how the XYZ color 24.4722, 13.5499, 1.4404 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 24.4722, 13.5499, 1.4404 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 24.4722, 13.5499, 1.4404

Background



This preview shows how black text looks on a background with the XYZ color 24.4722, 13.5499, 1.4404.



This preview shows how white text looks on a background with the XYZ color 24.4722, 13.5499,

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

24.4722, 13.5499, 1.4404

Protanopia

12.4619, 13.7527, 2.9174

Deuteranopia

13.8219, 13.7490, 1.9253



Tritanopia

24.6660, 13.5332, 2.7510

Trichromacy



Original Color

24.4722, 13.5499, 1.4404

Protanomaly

14.9298, 11.8355, 2.0279

Deuteranomaly

16.3002, 12.2390, 1.5320

Tritanomaly

24.5653, 13.5394, 2.0777

Monochromacy



Original Color

24.4722, 13.5499, 1.4404

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

10.8451, 8.3227, 4.4030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4722, 13.5499, 1.4404 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, 36, 4)` looks like.

```
.text, #text, p{  
    color:rgb(200, 36, 4)  
}
```

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, 36, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 36, 4) }
```

Border

The CSS property to change the border of an element to XYZ 24.4722, 13.5499, 1.4404 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, 36, 4) }
```


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

```
.border{ border-color:rgb(200, 36, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 36, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 36, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 36, 4);  
box-shadow:4px 4px 4px 4px rgb(200, 36, 4)  
}
```

Background

The CSS property to change the background color of an element to XYZ 24.4722, 13.5499, 1.4404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 36, 4) }
```

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

```
.background{ background-color: rgb(200, 36,  
4) }
```

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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