

Converting Colors

XYZ(24.0758, 21.6566, 4.0953)

Have a look what the booklet for
XYZ(24.0758, 21.6566, 4.0953)
contains.

XYZ(24.1464, 21.6935, 4.0770)	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(24.1464, 21.6935,
4.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	AF741D
RGB	175, 116, 29
RGB Percent	69%, 45%, 11%
CMY	0.3137, 0.5451, 0.8863
CMYK	0.00, 0.34, 0.83, 0.31
HSL	36°, 72%, 40%
HSV	36°, 83%, 69%
XYZ	24.1464, 21.6935, 4.0770
YIQ	123.7230, 63.0910, -14.5490

Conversions

Conversions Part 2

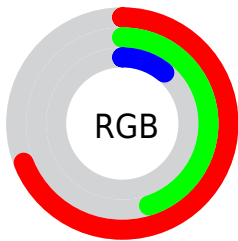
Format	Color
RYB	128, 175, 29
Decimal	11498525
CIELab	53.70, 16.24, 53.26
CIELCh	54, 55.683, 73.045
Yxy	21.6935, 0.4837, 0.4346
Android (android.graphics.Color)	4289688605 (0xFFAF741D)
YUV	123.7230, -46.6984, 44.9699
Hunter-Lab	46.5763, 11.0307, 27.4135

Details

The XYZ color **24.1464, 21.6935, 4.0770** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.7341, 10.3354, 41.9337**, and the grayscale version is **19.2023, 20.2024, 22.0004**.

A 20% lighter version of the original color is **49.7488, 46.2615, 14.0919**, and **9.4032, 7.9162, 1.0324** is the 20% darker color. If you saturate the color by 10%, you get **23.2040, 20.0624, 2.9816**, and if you desaturate by 10%, it is **25.2747, 23.5001, 5.8409**.

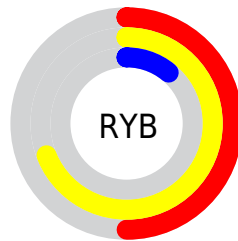
Distribution



Red (69%)

Green (45%)

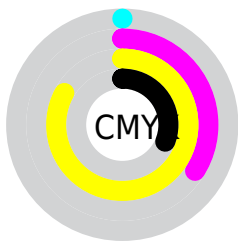
Blue (11%)



Red (50%)

Yellow (69%)

Blue (11%)

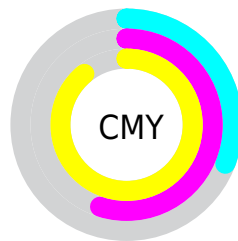


Cyan (0%)

Magenta (34%)

Yellow (83%)

Black (31%)



Cyan (31%)

Magenta (55%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1464, 21.6935, 4.0770 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 24.1464, 21.6935, 4.0770 by changing the saturation by 10% instead.

■ 24.1464, 21.6935,
4.0770

■ 24.1464, 21.6935,
4.0770

265.9866,
260.9415, 149.0774

■ 15.5676, 13.6319,
1.6677

■ 49.7219, 46.2389,
14.1870

■ 9.3076, 7.8651,
0.3384

■ 67.4494, 63.4914,
22.7247

■ 5.0011, 4.0087,
0.0000

■ 88.9570, 84.5764,
34.1423

■ 2.2826, 1.6784,
0.0000

■ 114.6103,
109.8782, 48.8583

■ 0.7858, 0.4096,
0.0000

■ 144.7745,
139.7812, 67.2913

■ 0.0000, 0.0000,
0.0000

■ 179.8151,

174.6698, 89.8598

220.0973,
214.9284, 116.9823

24.1464, 21.6935,
4.0770

24.1464, 21.6935,
4.0770

23.2040, 20.0624,
2.9816

25.2747, 23.5001,
5.8409

22.6582, 19.0721,
2.4871

26.6069, 25.4888,
8.3684

28.1601, 27.6693,
11.7404

29.9487, 30.0495,
16.0268

31.9858, 32.6366,
21.2905

■ 34.2833, 35.4371,
27.5884

■ 36.8523, 38.4574,
34.9734

■ 39.7032, 41.7035,
43.4945

■ 42.8458, 45.1810,
53.1977

Harmonies

Analogous

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



30.1839, 21.6935, 7.5497



24.1464, 21.6935, 4.0770



18.1380, 21.6935, 3.8999

Triad

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



24.1464, 21.6935, 4.0770



11.3453, 21.6935, 31.8339



29.4764, 21.6935, 56.6597

Complementary

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



24.1464, 21.6935, 4.0770



11.7341, 10.3354, 41.9337

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.



23.3166, 21.6935, 72.2194



24.1464, 21.6935, 4.0770



13.3240, 21.6935, 53.8680

Square

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



24.1464, 21.6935, 4.0770



11.4818, 21.6935, 15.2809



17.4531, 21.6935, 71.0047



33.6447, 21.6935, 34.5480

Rectangle

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



24.1464, 21.6935, 4.0770



14.9778, 21.6935, 5.4035



17.4531, 21.6935, 71.0047



27.5239, 21.6935, 63.2182

Sweetspot

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



24.1469, 21.6946, 4.0774



60.5370, 62.4300, 46.9952



19.9570, 10.7282, 10.6550



13.1355, 13.4881, 9.5637



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.1469, 21.6946, 4.0774



40.3608, 33.7188, 4.3811



30.6218, 38.5174, 6.9833



8.3871, 8.7790, 8.4658



16.2879, 13.7812, 1.8016



0.5049, 0.4870, 0.0674

Inverse Universe

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



11.7341, 10.3354, 41.9337



17.6600, 13.1468, 74.2437



9.0985, 4.4489, 40.9364



7.8346, 8.2686, 10.1358



7.1991, 5.5321, 29.7329



0.2548, 0.2630, 0.8453

Previews

White Background



This preview shows how the XYZ color 24.1464, 21.6935, 4.0770 looks on a white 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

Black Background



This preview shows how the XYZ color 24.1464, 21.6935, 4.0770 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1464, 21.6935, 4.0770

Background



This preview shows how black text looks on a background with the XYZ color 24.1464, 21.6935, 4.0770.



This preview shows how white text looks on a background with the XYZ color 24.1464, 21.6935,

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

24.1464, 21.6935, 4.0770

Protanopia

19.7880, 21.8245, 4.5361

Deuteranopia

22.0463, 21.6750, 3.9990



Tritanopia

27.3373, 21.6894, 19.2686

Trichromacy



Original Color

24.1464, 21.6935, 4.0770

Protanomaly

21.1653, 21.5822, 4.3466

Deuteranomaly

22.8507, 21.7276, 4.0264

Tritanomaly

25.6448, 21.4739, 11.1808

Monochromacy



Original Color

24.1464, 21.6935, 4.0770

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.9682, 20.2357, 12.3046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1464, 21.6935, 4.0770 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(175, 116, 29)` looks like.

```
.text, #text, p{  
    color:rgb(175, 116, 29)  
}
```

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(175, 116, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 116, 29) }
```

Border

The CSS property to change the border of an element to XYZ 24.1464, 21.6935, 4.0770 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(175, 116, 29) }
```


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

```
.border{ border-color:rgb(175, 116, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 116, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 116, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 116, 29);  
box-shadow:4px 4px 4px 4px rgb(175, 116,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1464, 21.6935, 4.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 116, 29) }
```

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

```
.background{ background-color: rgb(175,  
116, 29) }
```

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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