

Converting Colors

XYZ(21.9514, 30.4025, 1.4704)

Have a look what the booklet for
XYZ(21.9514, 30.4025, 1.4704)
contains.

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Color

**XYZ(22.5764, 30.5581,
4.7084)**

Conversions

Conversions Part 1

Format	Color
Hex	86A100
RGB	134, 161, 0
RGB Percent	53%, 63%, 0%
CMY	0.4745, 0.3686, 0.9999
CMYK	0.17, 0.00, 1.00, 0.37
HSL	70°, 100%, 32%
HSV	70°, 100%, 63%
XYZ	22.5764, 30.5581, 4.7084
YIQ	134.5730, 35.5890, -55.7950

Conversions

Conversions Part 2

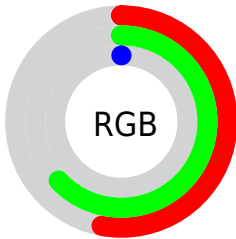
Format	Color
RYB	0, 161, 27
Decimal	8823040
CIELab	62.13, -27.13, 64.51
CIELCh	62, 69.983, 112.806
Yxy	30.5581, 0.3903, 0.5283
Android (android.graphics.Color)	4287013120 (0xFF86A100)
YUV	134.5730, -66.3445, -0.5025
Hunter-Lab	55.2794, -23.8385, 33.6456

Details

The XYZ color **22.5764, 30.5581, 4.7084** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.8860, 2.8069, 33.8990**, and the grayscale version is **23.1008, 24.3038, 26.4668**.

A 20% lighter version of the original color is **47.2778, 60.6825, 15.6997**, and **8.6931, 12.5995, 1.9738** is the 20% darker color. If you saturate the color by 10%, you get **22.5766, 30.5593, 4.7086**, and if you desaturate by 10%, it is **23.1074, 30.8220, 5.2261**.

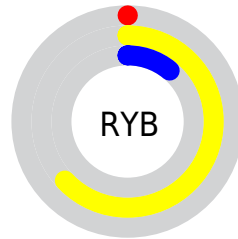
Distribution



Red (53%)

Green (63%)

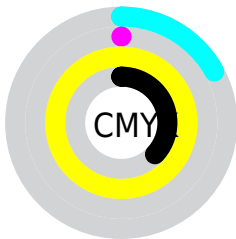
Blue (0%)



Red (0%)

Yellow (63%)

Blue (11%)

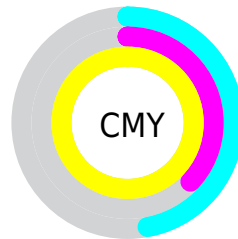


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (47%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5764, 30.5581, 4.7084 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 22.5764, 30.5581, 4.7084 by changing the saturation by 10% instead.

■ 22.5764, 30.5581,
4.7084

■ 22.5764, 30.5581,
4.7084

258.1179,
304.4973, 155.8009

■ 14.4000, 20.2626,
2.0215

■ 47.1686, 60.5437,
15.6131

■ 8.4830, 12.5861,
0.5684

■ 64.3152, 81.0025,
24.6680

■ 4.4599, 7.1441,
0.0000

■ 85.1825, 105.6179,
36.6827

■ 1.9655, 3.5524,
0.0000

■ 110.1359,
134.7743, 52.0756

■ 0.6145, 1.4265,
0.0000

■ 139.5408,
168.8560, 71.2653


■ 0.0000, 0.2361,
0.0000


■ 173.7626,


■ 0.0000, 0.0000,


208.2475, 94.6704


0.0000


 213.1665,
253.3331, 122.7094


 22.5764, 30.5581,
4.7084


 22.5764, 30.5581,
4.7084


 22.5766, 30.5593,
4.7086

 23.1074, 30.8220,
5.2261

 23.7238, 31.1202,
6.1383

 24.4584, 31.4670,
7.6152

 25.3251, 31.8679,
9.7291

 26.3357, 32.3277,
12.5416

■ 27.5006, 32.8505,
16.1071

■ 28.8291, 33.4401,
20.4745

■ 30.3299, 34.0999,
25.6887

■ 32.0109, 34.8331,
31.7912

Harmonies

Analogous

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



31.3716, 30.5581, 3.7862



22.5764, 30.5581, 4.7084



16.8769, 30.5581, 10.7391

Triad

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



22.5764, 30.5581, 4.7084



19.4163, 30.5581, 94.0330



50.9666, 30.5581, 40.1982

Complementary

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



22.5764, 30.5581, 4.7084



6.8860, 2.8069, 33.8990

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.



45.9874, 30.5581, 75.4955



22.5764, 30.5581, 4.7084



26.8356, 30.5581, 115.7925

Square

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



22.5764, 30.5581, 4.7084



15.3467, 30.5581, 57.6915



36.6433, 30.5581, 107.6204



49.1370, 30.5581, 16.9485

Rectangle

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



22.5764, 30.5581, 4.7084



14.9538, 30.5581, 20.1771



36.6433, 30.5581, 107.6204



50.0028, 30.5581, 51.0762

Sweetspot

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



22.5771, 30.5595, 4.7090



51.4834, 59.8213, 36.1785



15.0873, 8.3543, 0.8178



11.0789, 13.0258, 7.2267



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.5771, 30.5595, 4.7090



40.2862, 54.6516, 8.4255



14.2497, 26.2666, 4.3193



7.5323, 8.1769, 7.5614



18.0598, 24.4206, 3.7618



0.4085, 0.5281, 0.0804

Inverse Universe

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



6.8860, 2.8069, 33.8990



12.2167, 4.9670, 60.7014



12.5380, 5.7206, 34.1635



6.8061, 6.9144, 8.8790



5.5237, 2.2540, 27.0737



0.1454, 0.0625, 0.5703

Previews

White Background



This preview shows how the XYZ color 22.5764, 30.5581, 4.7084 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 22.5764, 30.5581, 4.7084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

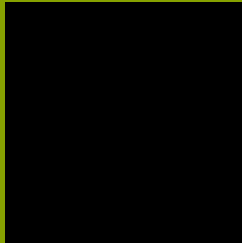
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 22.5764, 30.5581, 4.7084

Background



This preview shows how black text looks on a background with the XYZ color 22.5764, 30.5581, 4.7084.



This preview shows how white text looks on a background with the XYZ color 22.5764, 30.5581,

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

22.5764, 30.5581, 4.7084

Protanopia

27.2685, 30.2477, 4.4012

Deuteranopia

30.8689, 30.2487, 5.3102



Tritanopia

29.3720, 30.5889, 38.0744

Trichromacy



Original Color

22.5764, 30.5581, 4.7084

Protanomaly

25.2659, 30.1791, 4.4935

Deuteranomaly

27.2188, 29.9736, 4.9232

Tritanomaly

25.1092, 29.8213, 17.0031

Monochromacy



Original Color

22.5764, 30.5581, 4.7084

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

21.6446, 25.7693, 12.6373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5764, 30.5581, 4.7084 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(134, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(134, 161, 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(134, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 161, 0) }
```

Border

The CSS property to change the border of an element to XYZ 22.5764, 30.5581, 4.7084 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(134, 161, 0) }
```


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

```
.border{ border-color:rgb(134, 161, 0) }
```

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

Here you see how a box with a 4 pixel rgb(134, 161, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(134, 161,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5764, 30.5581, 4.7084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 161, 0) }
```

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

```
.background{ background-color: rgb(134,  
161, 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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