

Converting Colors

XYZ(26.8273, 30.7255, 5.1785)

Have a look what the booklet for
XYZ(26.8273, 30.7255, 5.1785)
contains.

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Color

**XYZ(26.8273, 30.7255,
5.1785)**

Conversions

Conversions Part 1

Format	Color
Hex	A49914
RGB	164, 153, 20
RGB Percent	64%, 60%, 8%
CMY	0.3569, 0.4000, 0.9215
CMYK	0.00, 0.07, 0.88, 0.36
HSL	55°, 78%, 36%
HSV	55°, 88%, 64%
XYZ	26.8273, 30.7255, 5.1785
YIQ	141.1270, 49.2490, -39.0310

Conversions

Conversions Part 2

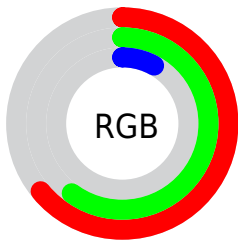
Format	Color
R_{YB}	32, 164, 20
Decimal	10787092
CIE _{Lab}	62.28, -9.41, 62.50
CIE _{LCh}	62, 63.200, 98.564
Yxy	30.7255, 0.4277, 0.4898
Android (android.graphics.Color)	4288977172 (0xFFA49914)
YUV	141.1270, -59.7156, 20.0596
Hunter-Lab	55.4306, -10.6131, 33.2624

Details

The XYZ color **26.8273, 30.7255, 5.1785** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.4795, 3.8092, 35.4626**, and the grayscale version is **25.5818, 26.9141, 29.3094**.

A 20% lighter version of the original color is **53.9222, 60.7493, 16.6684**, and **10.9357, 12.6909, 1.8732** is the 20% darker color. If you saturate the color by 10%, you get **26.5175, 30.2765, 4.5500**, and if you desaturate by 10%, it is **27.2324, 31.2184, 6.2924**.

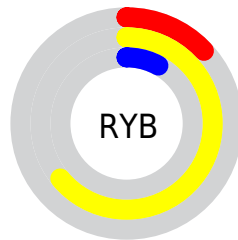
Distribution



Red (64%)

Green (60%)

Blue (8%)



Red (13%)

Yellow (64%)

Blue (8%)

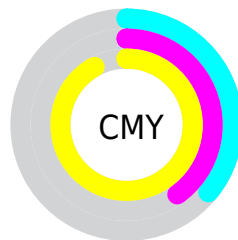


Cyan (0%)

Magenta (7%)

Yellow (88%)

Black (36%)



Cyan (36%)

Magenta (40%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8273, 30.7255, 5.1785 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 26.8273, 30.7255, 5.1785 by changing the saturation by 10% instead.

■ 26.8273, 30.7255,
5.1785

■ 26.8273, 30.7255,
5.1785

279.0028,
305.2717, 160.5406

■ 17.5795, 20.3899,
2.2918

■ 54.0285, 60.8076,
16.6476

■ 10.7464, 12.6788,
0.7266

■ 72.7125, 81.3230,
26.0670

■ 5.9626, 7.2077,
0.0000

■ 95.2727, 106.0004,
38.5011

■ 2.8628, 3.5924,
0.0000

■ 122.0743,
135.2242, 54.3684

■ 1.0816, 1.4483,
0.0000

■ 153.4828,
169.3788, 74.0875

■ 0.0097, 0.2519,
0.0000

■ 189.8635,

■ 0.0000, 0.0000,

208.8487, 98.0768

0.0000

231.5817,
254.0182, 126.7550

■ 26.8273, 30.7255,
5.1785

■ 26.8273, 30.7255,
5.1785

■ 26.5175, 30.2765,
4.5500

■ 27.2324, 31.2184,
6.2924

■ 26.4532, 30.1795,
4.4310

■ 27.7541, 31.7602,
8.0126

■ 28.4069, 32.3579,
10.4126

■ 29.2028, 33.0163,
13.5552

■ 30.1522, 33.7397,
17.4956

■ 31.2648, 34.5317,
22.2843

■ 32.5492, 35.3960,
27.9673

■ 34.0136, 36.3359,
34.5875

■ 35.6657, 37.3543,
42.1847

Harmonies

Analogous

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



35.6212, 30.7255, 6.0051



26.8273, 30.7255, 5.1785



20.1213, 30.7255, 8.5190

Triad

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



26.8273, 30.7255, 5.1785



18.1593, 30.7255, 72.1401



47.2979, 30.7255, 53.7388

Complementary

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



26.8273, 30.7255, 5.1785



7.4795, 3.8092, 35.4626

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.



40.6754, 30.7255, 85.3037



26.8273, 30.7255, 5.1785



23.6073, 30.7255, 99.0452

Square

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



26.8273, 30.7255, 5.1785



15.7959, 30.7255, 40.9535



31.7164, 30.7255, 104.7749



48.6233, 30.7255, 26.9324

Rectangle

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



26.8273, 30.7255, 5.1785



17.3200, 30.7255, 14.4417



31.7164, 30.7255, 104.7749



45.5632, 30.7255, 64.4417

Sweetspot

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



26.8280, 30.7270, 5.1791



57.0390, 62.8797, 41.7082



15.8208, 8.4973, 2.1733



12.3154, 13.6398, 8.4444



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.8280, 30.7270, 5.1791



47.9486, 54.6435, 8.0201



19.1109, 29.5444, 5.3576



7.6029, 8.1443, 7.5514



20.2988, 23.1715, 3.4027



0.4392, 0.5123, 0.0757

Inverse Universe

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



7.4795, 3.8092, 35.4626



12.3538, 5.2465, 64.1139



10.2597, 4.8866, 35.5240



6.7419, 6.9428, 8.8878



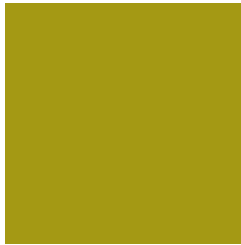
5.2587, 2.2968, 27.0959



0.1228, 0.0728, 0.5734

Previews

White Background



This preview shows how the XYZ color 26.8273, 30.7255, 5.1785 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 26.8273, 30.7255, 5.1785 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 26.8273, 30.7255, 5.1785

Background



This preview shows how black text looks on a background with the XYZ color 26.8273, 30.7255, 5.1785.



This preview shows how white text looks on a background with the XYZ color 26.8273, 30.7255,

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

26.8273, 30.7255, 5.1785

Protanopia

27.7617, 30.7263, 5.0837

Deuteranopia

31.2673, 30.6759, 5.3717



Tritanopia

32.6564, 30.5301, 34.3087

Trichromacy



Original Color

26.8273, 30.7255, 5.1785

Protanomaly

27.4942, 30.8283, 5.1175

Deuteranomaly

29.6652, 30.7614, 5.2937

Tritanomaly

29.4063, 30.1237, 17.6292

Monochromacy



Original Color

26.8273, 30.7255, 5.1785

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.6775, 27.5034, 15.3173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8273, 30.7255, 5.1785 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(164, 153, 20)` looks like.

```
.text, #text, p{  
    color:rgb(164, 153, 20)  
}
```

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(164, 153, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 153, 20) }
```

Border

The CSS property to change the border of an element to XYZ 26.8273, 30.7255, 5.1785 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(164, 153, 20) }
```


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

```
.border{ border-color:rgb(164, 153, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 153, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 153, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 153, 20);  
box-shadow:4px 4px 4px 4px rgb(164, 153,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8273, 30.7255, 5.1785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 153, 20) }
```

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

```
.background{ background-color: rgb(164,  
153, 20) }
```

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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