

Converting Colors

XYZ(21.6561, 26.2724, 10.7678)

Have a look what the booklet for
XYZ(21.6561, 26.2724, 10.7678)
contains.

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Color

**XYZ(21.7367, 26.3138,
10.7709)**

Conversions

Conversions Part 1

Format	Color
Hex	88924C
RGB	136, 146, 76
RGB Percent	53%, 57%, 30%
CMY	0.4667, 0.4274, 0.7020
CMYK	0.07, 0.00, 0.48, 0.43
HSL	69°, 32%, 44%
HSV	69°, 48%, 57%
XYZ	21.7367, 26.3138, 10.7709
YIQ	135.0300, 16.5100, -23.8900

Conversions

Conversions Part 2

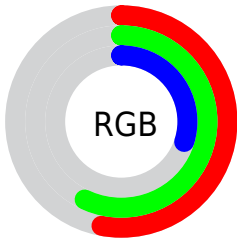
Format	Color
RYB	76, 146, 86
Decimal	8950348
CIELab	58.33, -14.64, 35.66
CIElCh	58, 38.552, 112.316
Yxy	26.3138, 0.3695, 0.4474
Android (android.graphics.Color)	4287140428 (0xFF88924C)
YUV	135.0300, -29.1018, 0.8507
Hunter-Lab	51.2970, -14.1317, 23.4587

Details

The XYZ color **21.7367, 26.3138, 10.7709** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.6115, 9.2233, 28.3640**, and the grayscale version is **23.1411, 24.3463, 26.5131**.

A 20% lighter version of the original color is **45.9060, 53.8913, 27.7212**, and **8.0486, 10.3344, 2.6691** is the 20% darker color. If you saturate the color by 10%, you get **20.9503, 25.9614, 8.3787**, and if you desaturate by 10%, it is **22.6462, 26.7181, 13.7713**.

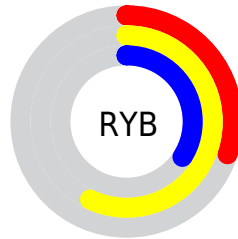
Distribution



Red (53%)

Green (57%)

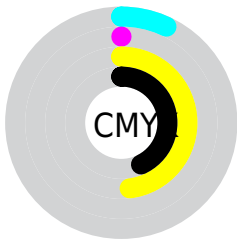
Blue (30%)



Red (30%)

Yellow (57%)

Blue (34%)

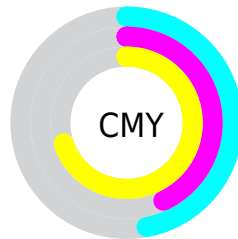


Cyan (7%)

Magenta (0%)

Yellow (48%)

Black (43%)



Cyan (47%)

Magenta (43%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7367, 26.3138, 10.7709 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 21.7367, 26.3138, 10.7709 by changing the saturation by 10% instead.

■ 21.7367, 26.3138,
10.7709

■ 21.7367, 26.3138,
10.7709

253.8264,
284.3191, 206.7697

■ 13.7791, 17.0585,
5.8008

■ 45.7925, 53.7808,
27.8659

■ 8.0478, 10.2762,
2.6575

■ 62.6215, 72.7612,
40.8278

■ 4.1776, 5.5825,
0.9219

■ 83.1382, 95.7523,
57.2908

■ 1.8031, 2.5929,
0.0000

■ 107.7081,
123.1382, 77.6733

■ 0.5195, 0.9231,
0.0000

■ 136.6965,
155.3035, 102.3939

■ 0.0000, 0.0000,
0.0000

170.4688,

192.6324, 131.8711

209.3903,
235.5095, 166.5235

■ 21.7367, 26.3138,
10.7709

■ 21.7367, 26.3138,
10.7709

■ 20.9503, 25.9614,
8.3787

■ 22.6462, 26.7181,
13.7713

■ 20.2772, 25.6541,
6.5514

■ 23.6841, 27.1735,
17.4160

■ 19.7090, 25.3896,
5.2428


■ 24.8576, 27.6840,
21.7401


■ 19.2354, 25.1637,
4.3985


■ 26.1729, 28.2520,
26.7758


■ 18.8363, 24.9683,
3.9127


■ 27.6357, 28.8797,
32.5532

 18.7571, 24.9293,
3.8232

 29.2515, 29.5694,
39.1006

 31.0254, 30.3232,
46.4450

 32.9622, 31.1429,
54.6120

 35.0668, 32.0305,
63.6260

Harmonies

Analogous

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



26.2372, 26.3138, 9.9074



21.7367, 26.3138, 10.7709



18.5245, 26.3138, 15.5738

Triad

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



21.7367, 26.3138, 10.7709



19.8875, 26.3138, 54.3707



35.0667, 26.3138, 32.2495

Complementary

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



21.7367, 26.3138, 10.7709



11.6115, 9.2233, 28.3640

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.



32.8571, 26.3138, 47.5417



21.7367, 26.3138, 10.7709



23.8226, 26.3138, 62.6721

Square

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



21.7367, 26.3138, 10.7709



17.5538, 26.3138, 39.6329



28.5975, 26.3138, 59.8440



34.3265, 26.3138, 19.9124

Rectangle

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



21.7367, 26.3138, 10.7709



17.3575, 26.3138, 21.4929



28.5975, 26.3138, 59.8440



34.6356, 26.3138, 37.2450

Sweetspot

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



21.7373, 26.3150, 10.7715



44.6692, 49.1898, 41.4543



16.4343, 13.1831, 8.5162



9.8396, 10.9006, 8.8517



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.7373, 26.3150, 10.7715



36.8003, 45.7254, 14.3320



17.0261, 23.8863, 10.5510



6.1848, 6.7031, 6.2083



16.5196, 21.9440, 3.3649



0.2201, 0.2778, 0.0420

Inverse Universe

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



11.6115, 9.2233, 28.3640



16.6755, 11.7171, 49.3563



15.5657, 11.2618, 28.5490



5.5721, 5.6704, 7.2705



4.8478, 1.9717, 24.0561



0.0741, 0.0318, 0.2951

Previews

White Background



This preview shows how the XYZ color 21.7367, 26.3138, 10.7709 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 21.7367, 26.3138, 10.7709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

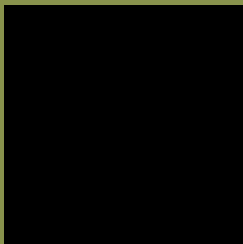
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

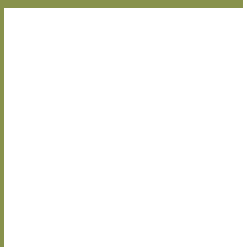
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7367, 26.3138, 10.7709

Background



This preview shows how black text looks on a background with the XYZ color 21.7367, 26.3138, 10.7709.



This preview shows how white text looks on a background with the XYZ color 21.7367, 26.3138,

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

21.7367, 26.3138, 10.7709

Protanopia

23.9405, 26.1206, 10.2585

Deuteranopia

26.7310, 26.2726, 11.0594



Tritanopia

26.0149, 26.2762, 32.1344

Trichromacy



Original Color

21.7367, 26.3138, 10.7709

Protanomaly

22.9756, 26.0570, 10.4752

Deuteranomaly

24.5642, 25.9961, 10.9308

Tritanomaly

24.0222, 26.1176, 22.1874

Monochromacy



Original Color

21.7367, 26.3138, 10.7709

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.2616, 24.8310, 19.5391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7367, 26.3138, 10.7709 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(136, 146, 76)` looks like.

```
.text, #text, p{  
    color:rgb(136, 146, 76)  
}
```

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(136, 146, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 146, 76) }
```

Border

The CSS property to change the border of an element to XYZ 21.7367, 26.3138, 10.7709 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(136, 146, 76) }
```


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

```
.border{ border-color:rgb(136, 146, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 146, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 146, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 146, 76);  
box-shadow:4px 4px 4px 4px rgb(136, 146,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7367, 26.3138, 10.7709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 146, 76) }
```

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

```
.background{ background-color: rgb(136,  
146, 76) }
```

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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