

Converting Colors

XYZ(21.1512, 26.0122, 21.2020)

Have a look what the booklet for
XYZ(21.1512, 26.0122, 21.2020)
contains.

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Color

**XYZ(21.2347, 26.0509,
21.3619)**

Conversions

Conversions Part 1

Format	Color
Hex	769377
RGB	118, 147, 119
RGB Percent	46%, 58%, 47%
CMY	0.5373, 0.4235, 0.5333
CMYK	0.20, 0.00, 0.19, 0.42
HSL	122°, 12%, 52%
HSV	122°, 20%, 58%
XYZ	21.2347, 26.0509, 21.3619
YIQ	135.1370, -8.2960, -14.8560

Conversions

Conversions Part 2

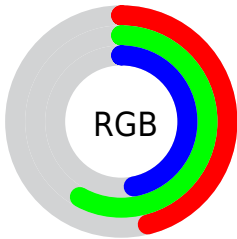
Format	Color
R _Y B	118, 146, 147
Decimal	7770999
CIE Lab	58.09, -15.94, 11.52
CIE LCh	58, 19.667, 144.145
Yxy	26.0509, 0.3093, 0.3795
Android (android.graphics.Color)	4285961079 (0xFF769377)
YUV	135.1370, -7.9555, -15.0291
Hunter-Lab	51.0401, -15.0571, 10.9133

Details

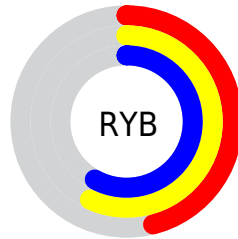
The XYZ color **21.2347, 26.0509, 21.3619** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.7003, 21.2358, 30.0451**, and the grayscale version is **23.1114, 24.3149, 26.4790**.

A 20% lighter version of the original color is **45.0319, 53.3715, 46.4564**, and **7.7744, 10.0859, 7.4982** is the 20% darker color. If you saturate the color by 10%, you get **18.6022, 24.7858, 17.1166**, and if you desaturate by 10%, it is **24.3071, 27.5295, 26.2934**.

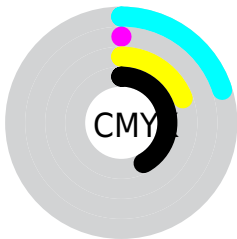
Distribution



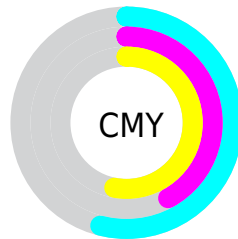
- Red (46%)
- Green (58%)
- Blue (47%)



- Red (46%)
- Yellow (57%)
- Blue (58%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2347, 26.0509, 21.3619 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 21.2347, 26.0509, 21.3619 by changing the saturation by 10% instead.

■ 21.2347, 26.0509,
21.3619

■ 21.2347, 26.0509,
21.3619

251.2314,
283.0319, 272.0395

■ 13.4091, 16.8617,
13.1950

■ 44.9662, 53.3570,
46.5776

■ 7.7898, 10.1360,
7.4306

■ 61.6027, 72.2428,
64.4636

■ 4.0114, 5.4892,
3.6503

■ 81.9070, 95.1296,
86.4262

■ 1.7086, 2.5370,
1.4356

106.2443,
122.4017, 112.8841

■ 0.4616, 0.8951,
0.1692

134.9801,
154.4436, 144.2559

■ 0.0000, 0.0000,
0.0000

168.4796,

191.6396, 180.9600

207.1082,
234.3743, 223.4151

■ 21.2347, 26.0509,
21.3619

■ 21.2347, 26.0509,
21.3619

■ 18.6022, 24.7858,
17.1166

■ 24.3071, 27.5295,
26.2934

■ 16.3875, 23.7213,
13.5256

■ 27.8359, 29.2275,
31.9379

■ 14.5698, 22.8480,
10.5568

■ 31.8396, 31.1543,
38.3227

■ 13.1255, 22.1547,
8.1748

■ 36.3348, 33.3180,
45.4732

■ 12.0287, 21.6287,
6.3409

■ 41.3374, 35.7264,
53.4137

■ 11.2503, 21.2560,
5.0113

■ 46.8625, 38.3867,
62.1672

■ 10.7560, 21.0201,
4.1359

■ 52.9248, 41.3059,
71.7561

■ 10.4691, 20.8830,
3.6357

■ 59.5381, 44.4909,
82.2016

■ 10.4620, 20.8796,
3.6244

■ 66.7159, 47.9480,
93.5243

Harmonies

Analogous

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



22.9360, 26.0509, 18.0103



21.2347, 26.0509, 21.3619



20.4827, 26.0509, 27.0492

Triad

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



21.2347, 26.0509, 21.3619



24.2968, 26.0509, 43.4969



29.1742, 26.0509, 23.3362

Complementary

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



21.2347, 26.0509, 21.3619



23.7003, 21.2358, 30.0451

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.



29.5961, 26.0509, 29.7228



21.2347, 26.0509, 21.3619



26.6794, 26.0509, 42.0793

Square

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



21.2347, 26.0509, 21.3619



22.1764, 26.0509, 40.3645



28.6567, 26.0509, 36.7524



27.5381, 26.0509, 19.0159

Rectangle

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



21.2347, 26.0509, 21.3619



20.5841, 26.0509, 31.6887



28.6567, 26.0509, 36.7524



29.4670, 26.0509, 25.2822

Sweetspot

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



21.2354, 26.0520, 21.3625



45.7111, 50.3493, 50.5805



25.5648, 28.2908, 21.2530



10.3537, 11.4546, 11.4166



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.2354, 26.0520, 21.3625



35.6854, 45.5268, 34.4831



22.1717, 26.4265, 26.2927



5.7372, 6.4715, 6.2271



9.0715, 18.1014, 3.1522



0.1126, 0.2222, 0.0471

Inverse Universe

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



23.7003, 21.2358, 30.0451



40.9856, 35.1699, 53.1527



22.6449, 20.8136, 24.4874



6.0268, 5.9058, 7.2471



14.6618, 7.0698, 22.7640



0.1816, 0.0874, 0.2901

Previews

White Background



This preview shows how the XYZ color 21.2347, 26.0509, 21.3619 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 21.2347, 26.0509, 21.3619 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 21.2347, 26.0509, 21.3619

Background



This preview shows how black text looks on a background with the XYZ color 21.2347, 26.0509, 21.3619.



This preview shows how white text looks on a background with the XYZ color 21.2347, 26.0509,

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

21.2347, 26.0509, 21.3619

Protanopia

24.3598, 25.9061, 19.9361

Deuteranopia

26.3360, 25.8263, 22.0093



Tritanopia

23.8179, 25.9642, 34.3281

Trichromacy



Original Color

21.2347, 26.0509, 21.3619

Protanomaly

22.9787, 25.8412, 20.2997

Deuteranomaly

24.1854, 25.7750, 21.7895

Tritanomaly

22.8070, 26.0072, 29.0171

Monochromacy



Original Color

21.2347, 26.0509, 21.3619

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.2483, 24.7173, 24.3672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2347, 26.0509, 21.3619 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(118, 147, 119)` looks like.

```
.text, #text, p{  
    color:rgb(118, 147, 119)  
}
```

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(118, 147, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 147, 119) }
```

Border

The CSS property to change the border of an element to XYZ 21.2347, 26.0509, 21.3619 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(118, 147, 119) }
```


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

```
.border{ border-color:rgb(118, 147, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 147, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 147, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 147, 119);  
box-shadow:4px 4px 4px 4px rgb(118, 147,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2347, 26.0509, 21.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 147, 119) }
```

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

```
.background{ background-color: rgb(118,  
147, 119) }
```

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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