

Converting Colors

XYZ(21.4369, 26.8590, 26.2509)

Have a look what the booklet for
XYZ(21.4369, 26.8590, 26.2509)
contains.

XYZ(21.3243, 26.6943, 26.2189)	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(21.3243, 26.6943,
26.2189)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9685
RGB	108, 150, 133
RGB Percent	42%, 59%, 52%
CMY	0.5765, 0.4118, 0.4784
CMYK	0.28, 0.00, 0.11, 0.41
HSL	156°, 17%, 51%
HSV	156°, 28%, 59%
XYZ	21.3243, 26.6943, 26.2189
YIQ	135.5040, -19.5750, -14.1910

Conversions

Conversions Part 2

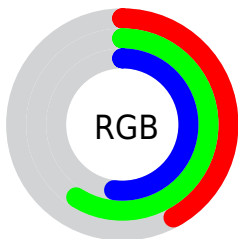
Format	Color
R_{YB}	108, 134, 150
Decimal	7116421
CIE Lab	58.69, -18.12, 4.35
CIE LCh	59, 18.636, 166.504
Yxy	26.6943, 0.2872, 0.3596
Android (android.graphics.Color)	4285306501 (0xFF6C9685)
YUV	135.5040, -1.2345, -24.1210
Hunter-Lab	51.6665, -16.7442, 6.0790

Details

The XYZ color **21.3243, 26.6943, 26.2189** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.6428, 18.6904, 21.8700**, and the grayscale version is **23.2267, 24.4363, 26.6112**.

A 20% lighter version of the original color is **44.9530, 54.2045, 54.5476**, and **7.8657, 10.4936, 9.9984** is the 20% darker color. If you saturate the color by 10%, you get **19.2473, 25.6714, 23.9951**, and if you desaturate by 10%, it is **23.7410, 27.8910, 28.5863**.

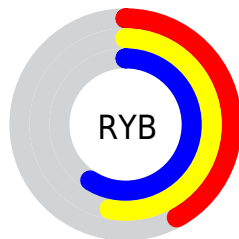
Distribution



Red (42%)

Green (59%)

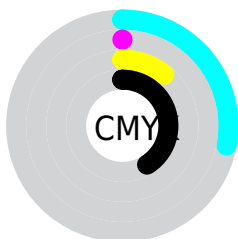
Blue (52%)



Red (42%)

Yellow (53%)

Blue (59%)

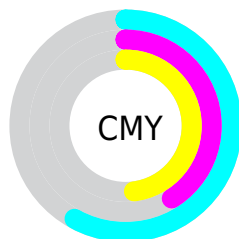


Cyan (28%)

Magenta (0%)

Yellow (11%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3243, 26.6943, 26.2189 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 21.3243, 26.6943, 26.2189 by changing the saturation by 10% instead.

■ 21.3243, 26.6943,
26.2189

■ 21.3243, 26.6943,
26.2189

251.6962,
286.1739, 297.4946

■ 13.4751, 17.3438,
16.7602

■ 45.1139, 54.3929,
54.6163

■ 7.8357, 10.4799,
9.9035

■ 61.7849, 73.5098,
74.3921

■ 4.0409, 5.7183,
5.2303

■ 82.1273, 96.6509,
98.4440

■ 1.7253, 2.6745,
2.3219

■ 106.5063,
124.2007, 127.1906

■ 0.4720, 0.9643,
0.7435

135.2873,
156.5435, 161.0505

■ 0.0000, 0.0000,
0.0000

168.8358,

194.0637, 200.4420

207.5169,
237.1457, 245.7839

■ 21.3243, 26.6943,
26.2189

■ 21.3243, 26.6943,
26.2189

■ 19.2473, 25.6714,
23.9951

■ 23.7410, 27.8910,
28.5863

■ 17.4912, 24.8104,
21.9103

■ 26.5104, 29.2659,
31.0984

■ 16.0389, 24.1033,
19.9620

■ 29.6477, 30.8276,
33.7584

■ 14.8707, 23.5400,
18.1471

■ 33.1663, 32.5830,
36.5689

■ 13.9642, 23.1091,
16.4623

■ 37.0792, 34.5386,
39.5325

■ 13.2939, 22.7973,
14.9039

■ 41.3985, 36.7007,
42.6516

■ 12.8111, 22.5797,
13.4673

■ 46.1359, 39.0754,
45.9286

■ 12.7220, 22.5397,
13.1938

■ 51.3027, 41.6682,
49.3659

■ 56.9096, 44.4848,
52.9657

Harmonies

Analogous

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



22.3082, 26.6943, 21.2164



21.3243, 26.6943, 26.2189



21.3777, 26.6943, 32.7997

Triad

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



21.3243, 26.6943, 26.2189



26.6445, 26.6943, 42.9210



28.5274, 26.6943, 20.8389

Complementary

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



21.3243, 26.6943, 26.2189



21.6428, 18.6904, 21.8700

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.



29.8356, 26.6943, 25.6261



21.3243, 26.6943, 26.2189



28.7045, 26.6943, 38.6451

Square

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



21.3243, 26.6943, 26.2189



24.3577, 26.6943, 43.1437



29.9023, 26.6943, 32.1111



26.4144, 26.6943, 18.4409

Rectangle

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



21.3243, 26.6943, 26.2189



21.9926, 26.6943, 37.2370



29.9023, 26.6943, 32.1111



29.0812, 26.6943, 22.1866

Sweetspot

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



21.3250, 26.6954, 26.2195



46.7013, 51.6050, 54.8078



22.1446, 27.2943, 18.2888



10.1904, 11.3572, 12.0058



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.



21.3250, 26.6954, 26.2195



35.1224, 45.8714, 43.6240



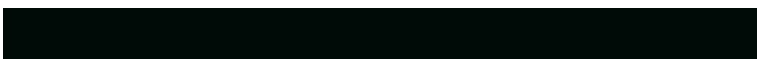
22.0463, 26.1035, 32.7320



5.8657, 6.5229, 6.9038



10.5670, 18.6996, 11.0272



0.1440, 0.2347, 0.2121

Inverse Universe

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



21.6428, 18.6904, 21.8700



35.7852, 29.2097, 34.5779



21.0244, 19.0456, 16.7557



5.8923, 5.8520, 6.5389



11.1391, 5.6607, 4.2136



0.1503, 0.0749, 0.1251

Previews

White Background



This preview shows how the XYZ color 21.3243, 26.6943, 26.2189 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 21.3243, 26.6943, 26.2189 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 21.3243, 26.6943, 26.2189

Background



This preview shows how black text looks on a background with the XYZ color 21.3243, 26.6943, 26.2189.



This preview shows how white text looks on a background with the XYZ color 21.3243, 26.6943,

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

21.3243, 26.6943, 26.2189

Protanopia

25.1284, 26.4257, 24.1983

Deuteranopia

26.9584, 26.4538, 26.9778



Tritanopia

23.2605, 26.5371, 36.2440

Trichromacy



Original Color

21.3243, 26.6943, 26.2189

Protanomaly

23.5182, 26.4638, 24.9876

Deuteranomaly

24.5455, 26.2880, 26.7021

Tritanomaly

22.4141, 26.4169, 32.3514

Monochromacy



Original Color

21.3243, 26.6943, 26.2189

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.5022, 25.2346, 26.6064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3243, 26.6943, 26.2189 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(108, 150, 133)` looks like.

```
.text, #text, p{  
    color:rgb(108, 150, 133)  
}
```

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(108, 150, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 150, 133) }
```

Border

The CSS property to change the border of an element to XYZ 21.3243, 26.6943, 26.2189 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(108, 150, 133) }
```


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

```
.border{ border-color:rgb(108, 150, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 150, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 150, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 150, 133);  
box-shadow:4px 4px 4px 4px rgb(108, 150,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3243, 26.6943, 26.2189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 150, 133) }
```

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

```
.background{ background-color: rgb(108,  
150, 133) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor