

Converting Colors

XYZ(21.5602, 25.6570, 26.0040)

Have a look what the booklet for
XYZ(21.5602, 25.6570, 26.0040)
contains.

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Color

**XYZ(21.5615, 25.6573,
26.0062)**

Conversions

Conversions Part 1

Format	Color
Hex	749185
RGB	116, 145, 133
RGB Percent	45%, 57%, 52%
CMY	0.5451, 0.4314, 0.4784
CMYK	0.20, 0.00, 0.08, 0.43
HSL	155°, 12%, 51%
HSV	155°, 20%, 57%
XYZ	21.5615, 25.6573, 26.0062
YIQ	134.9610, -13.4320, -9.8800

Conversions

Conversions Part 2

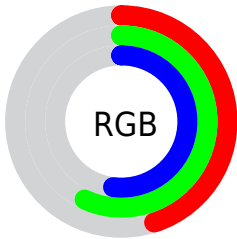
Format	Color
R_{YB}	116, 134, 145
Decimal	7639429
CIE _{Lab}	57.71, -12.78, 3.00
CIE _{LCh}	58, 13.122, 166.797
Yxy	25.6573, 0.2945, 0.3504
Android (android.graphics.Color)	4285829509 (0xFF749185)
YUV	134.9610, -0.9668, -16.6288
Hunter-Lab	50.6530, -12.6606, 5.0165

Details

The XYZ color **21.5615, 25.6573, 26.0062** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.8197, 20.0697, 23.1471**, and the grayscale version is **23.0223, 24.2212, 26.3769**.

A 20% lighter version of the original color is **45.4348, 52.7168, 54.2351**, and **7.9177, 9.8388, 9.8693** is the 20% darker color. If you saturate the color by 10%, you get **19.3798, 24.5798, 23.8017**, and if you desaturate by 10%, it is **24.0693, 26.9015, 28.3507**.

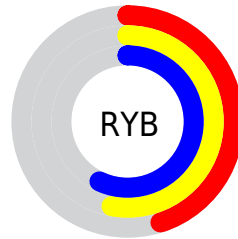
Distribution



Red (45%)

Green (57%)

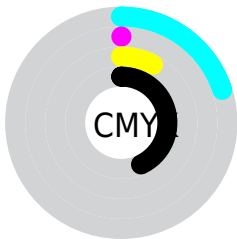
Blue (52%)



Red (45%)

Yellow (53%)

Blue (57%)

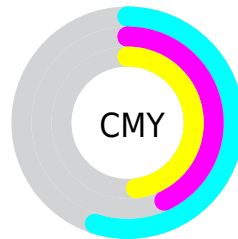


Cyan (20%)

Magenta (0%)

Yellow (8%)

Black (43%)



Cyan (55%)

Magenta (43%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5615, 25.6573, 26.0062 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 21.5615, 25.6573, 26.0062 by changing the saturation by 10% instead.

■ 21.5615, 25.6573,
26.0062

■ 21.5615, 25.6573,
26.0062

252.9233,
281.0957, 296.4190

■ 13.6498, 16.5674,
16.6025

■ 45.5044, 52.7216,
54.2692

■ 7.9576, 9.9266,
9.7925

■ 62.2664, 71.4648,
73.9655

■ 4.1194, 5.3503,
5.1578

■ 82.7093, 94.1945,
97.9297

■ 1.7699, 2.4542,
2.2798

107.1983,
121.2953, 126.5804

■ 0.4994, 0.8536,
0.7199

136.0989,
153.1514, 160.3362

■ 0.0000, 0.0000,
0.0000

169.7763,

190.1472, 199.6155

208.5960,
232.6672, 244.8369

■ 21.5615, 25.6573,
26.0062

■ 21.5615, 25.6573,
26.0062

■ 19.3798, 24.5798,
23.8017

■ 24.0693, 26.9015,
28.3507

■ 17.5076, 23.6585,
21.7327

■ 26.9143, 28.3161,
30.8362

■ 15.9303, 22.8866,
19.7971

■ 30.1100, 29.9087,
33.4656

■ 14.6310, 22.2554,
17.9919

■ 33.6682, 31.6852,
36.2416

■ 13.5913, 21.7555,
16.3140

■ 37.6004, 33.6517,
39.1664

■ 12.7901, 21.3760,
14.7601

■ 41.9173, 35.8136,
42.2425

■ 12.2030, 21.1045,
13.3268

■ 46.6296, 38.1762,
45.4721

■ 11.7654, 20.9076,
12.0087

■ 51.7471, 40.7448,
48.8574

■ 57.2796, 43.5241,
52.4005

Harmonies

Analogous

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



22.2496, 25.6573, 22.4212



21.5615, 25.6573, 26.0062



21.6067, 25.6573, 30.5125

Triad

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



21.5615, 25.6573, 26.0062



25.2701, 25.6573, 37.0666



26.5140, 25.6573, 22.0914

Complementary

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



21.5615, 25.6573, 26.0062



21.8197, 20.0697, 23.1471

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.



27.3950, 25.6573, 25.5096



21.5615, 25.6573, 26.0062



26.6560, 25.6573, 34.2891

Square

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



21.5615, 25.6573, 26.0062



23.7029, 25.6573, 37.2365



27.4481, 25.6573, 29.9599



25.0832, 25.6573, 20.3302

Rectangle

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



21.5615, 25.6573, 26.0062



22.0461, 25.6573, 33.4469



27.4481, 25.6573, 29.9599



26.8870, 25.6573, 23.0671

Sweetspot

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



21.5622, 25.6584, 26.0068



45.0041, 49.1191, 52.4643



22.1933, 26.1086, 20.3931



9.9494, 10.8961, 11.6164



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.



21.5622, 25.6584, 26.0068



36.7840, 45.0434, 44.7649



22.0742, 25.2785, 30.5052



5.4671, 6.0791, 6.4256



10.1042, 17.9375, 10.3688



0.1076, 0.1759, 0.1570

Inverse Universe

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



21.8197, 20.0697, 23.1471



37.3316, 33.1635, 38.6879



21.3579, 20.3366, 19.3230



5.4956, 5.4588, 6.1080



10.7279, 5.4482, 4.2187



0.1131, 0.0563, 0.0958

Previews

White Background



This preview shows how the XYZ color 21.5615, 25.6573, 26.0062 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 21.5615, 25.6573, 26.0062 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

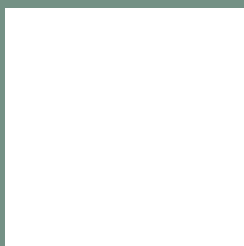
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5615, 25.6573, 26.0062

Background



This preview shows how black text looks on a background with the XYZ color 21.5615, 25.6573, 26.0062.



This preview shows how white text looks on a background with the XYZ color 21.5615, 25.6573,

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

21.5615, 25.6573, 26.0062

Protanopia

24.3786, 25.6016, 24.4256

Deuteranopia

26.0351, 25.5718, 26.4853



Tritanopia

23.1685, 25.6390, 33.8647

Trichromacy



Original Color

21.5615, 25.6573, 26.0062

Protanomaly

23.2270, 25.6480, 24.8455

Deuteranomaly

24.2068, 25.4736, 26.1953

Tritanomaly

22.6185, 25.6422, 30.9514

Monochromacy



Original Color

21.5615, 25.6573, 26.0062

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.4378, 24.7757, 26.1538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5615, 25.6573, 26.0062 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(116, 145, 133)` looks like.

```
.text, #text, p{  
    color:rgb(116, 145, 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(116, 145, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 145, 133) }
```

Border

The CSS property to change the border of an element to XYZ 21.5615, 25.6573, 26.0062 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(116, 145, 133) }
```


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

```
.border{ border-color:rgb(116, 145, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 145, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 145, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 145, 133);  
box-shadow:4px 4px 4px 4px rgb(116, 145,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5615, 25.6573, 26.0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 145, 133) }
```

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

```
.background{ background-color: rgb(116,  
145, 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](#).

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