

Converting Colors

XYZ(21.2276, 25.0094, 23.2925)

Have a look what the booklet for
XYZ(21.2276, 25.0094, 23.2925)
contains.

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Color

**XYZ(21.3341, 25.1443,
23.4676)**

Conversions

Conversions Part 1

Format	Color
Hex	788F7E
RGB	120, 143, 126
RGB Percent	47%, 56%, 49%
CMY	0.5294, 0.4392, 0.5059
CMYK	0.16, 0.00, 0.12, 0.44
HSL	136°, 9%, 52%
HSV	136°, 16%, 56%
XYZ	21.3341, 25.1443, 23.4676
YIQ	134.1850, -8.2510, -10.1630

Conversions

Conversions Part 2

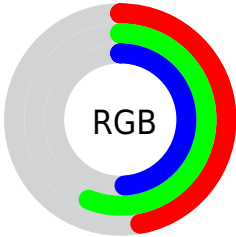
Format	Color
R_{YB}	120, 138, 143
Decimal	7901054
CIE _{Lab}	57.22, -11.72, 6.32
CIE _{LCh}	57, 13.315, 151.659
Yxy	25.1443, 0.3050, 0.3595
Android (android.graphics.Color)	4286091134 (0xFF788F7E)
YUV	134.1850, -4.0352, -12.4402
Hunter-Lab	50.1441, -11.8083, 7.3529

Details

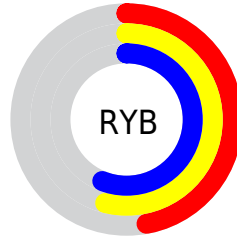
The XYZ color **21.3341, 25.1443, 23.4676** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.5604, 21.0794, 26.5477**, and the grayscale version is **22.7451, 23.9296, 26.0594**.

A 20% lighter version of the original color is **45.1162, 51.9578, 50.2988**, and **7.8524, 9.7041, 8.4804** is the 20% darker color. If you saturate the color by 10%, you get **18.8507, 23.9394, 19.9773**, and if you desaturate by 10%, it is **24.1872, 26.5328, 27.3526**.

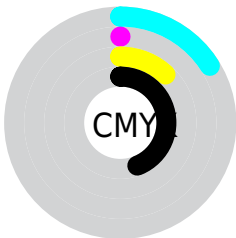
Distribution



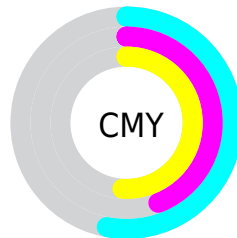
- Red (47%)
- Green (56%)
- Blue (49%)



- Red (47%)
- Yellow (54%)
- Blue (56%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (44%)



- Cyan (53%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3341, 25.1443, 23.4676 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 21.3341, 25.1443, 23.4676 by changing the saturation by 10% instead.

■ 21.3341, 25.1443,
23.4676

■ 21.3341, 25.1443,
23.4676

251.7470,
278.5558, 283.3170

■ 13.4823, 16.1846,
14.7306

■ 45.1300, 51.8912,
50.0929

■ 7.8408, 9.6549,
8.4860

■ 61.8048, 70.4472,
68.8183

■ 4.0442, 5.1707,
4.3153

■ 82.1513, 92.9708,
91.7102

■ 1.7272, 2.3478,
1.7999

106.5349,
119.8463, 119.1872

■ 0.4732, 0.7988,
0.4279

135.3209,
151.4582, 151.6679

■ 0.0000, 0.0000,
0.0000

168.8747,

188.1908, 189.5707

207.5616,
230.4285, 233.3142

■ 21.3341, 25.1443,
23.4676

■ 21.3341, 25.1443,
23.4676

■ 18.8507, 23.9394,
19.9773

■ 24.1872, 26.5328,
27.3526

■ 16.7196, 22.9074,
16.8675

■ 27.4224, 28.1090,
31.6423

■ 14.9250, 22.0412,
14.1260

■ 31.0539, 29.8807,
36.3486

■ 13.4494, 21.3317,
11.7389

■ 35.0947, 31.8544,
41.4823

■ 12.2731, 20.7695,
9.6916

■ 39.5571, 34.0362,
47.0540

■ 11.3747, 20.3435,
7.9686

■ 44.4531, 36.4319,
53.0737

■ 10.7294, 20.0415,
6.5529

■ 49.7938, 39.0473,
59.5511

■ 10.3010, 19.8451,
5.4259

■ 55.5903, 41.8879,
66.4958

■ 10.1616, 19.7813,
5.0578

■ 61.8532, 44.9587,
73.9169

Harmonies

Analogous

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



22.3461, 25.1443, 20.6459



21.3341, 25.1443, 23.4676



21.0009, 25.1443, 27.6294

Triad

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



21.3341, 25.1443, 23.4676



23.9866, 25.1443, 36.9829



26.5674, 25.1443, 23.0779

Complementary

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



21.3341, 25.1443, 23.4676



22.5604, 21.0794, 26.5477

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.



27.0520, 25.1443, 27.1279



21.3341, 25.1443, 23.4676



25.5220, 25.1443, 35.4341

Square

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



21.3341, 25.1443, 23.4676



22.4914, 25.1443, 35.7327



26.6614, 25.1443, 31.7000



25.3639, 25.1443, 20.4388

Rectangle

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



21.3341, 25.1443, 23.4676



21.1962, 25.1443, 30.7015



26.6614, 25.1443, 31.7000



26.8221, 25.1443, 24.3032

Sweetspot

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



21.3348, 25.1454, 23.4682



43.8502, 47.7753, 49.7017



23.5711, 26.3416, 21.6118



9.9765, 10.9173, 11.2913



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.



21.3348, 25.1454, 23.4682



36.6583, 44.2778, 39.8754



22.1023, 25.4524, 27.5099



5.3970, 6.0510, 6.0567



8.9921, 17.4927, 4.5124



0.0940, 0.1704, 0.0852

Inverse Universe

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



22.5604, 21.0794, 26.5477



39.2459, 35.6922, 46.3762



21.7947, 20.7731, 22.5157



5.5670, 5.4873, 6.4839



12.3111, 6.0814, 12.5553



0.1267, 0.0618, 0.1676

Previews

White Background



This preview shows how the XYZ color 21.3341, 25.1443, 23.4676 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 21.3341, 25.1443, 23.4676 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 21.3341, 25.1443, 23.4676

Background



This preview shows how black text looks on a background with the XYZ color 21.3341, 25.1443, 23.4676.



This preview shows how white text looks on a background with the XYZ color 21.3341, 25.1443,

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

21.3341, 25.1443, 23.4676

Protanopia

23.8485, 25.1610, 22.3385

Deuteranopia

25.4740, 24.9311, 23.8916



Tritanopia

23.1307, 24.9847, 32.8816

Trichromacy



Original Color

21.3341, 25.1443, 23.4676

Protanomaly

22.8624, 25.0714, 22.7031

Deuteranomaly

23.7903, 24.8914, 23.6293

Tritanomaly

22.4289, 24.9201, 29.2191

Monochromacy



Original Color

21.3341, 25.1443, 23.4676

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.0957, 24.1971, 24.9787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3341, 25.1443, 23.4676 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(120, 143, 126)` looks like.

```
.text, #text, p{  
    color:rgb(120, 143, 126)  
}
```

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(120, 143, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 143, 126) }
```

Border

The CSS property to change the border of an element to XYZ 21.3341, 25.1443, 23.4676 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(120, 143, 126) }
```


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

```
.border{ border-color:rgb(120, 143, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 143, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 143, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 143, 126); box-shadow:4px 4px 4px 4px rgb(120, 143, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3341, 25.1443, 23.4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 143, 126) }
```

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

```
.background{ background-color: rgb(120,  
143, 126) }
```

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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