

Converting Colors

XYZ(21.4138, 24.7565, 25.3967)

Have a look what the booklet for
XYZ(21.4138, 24.7565, 25.3967)
contains.

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Color

**XYZ(21.4355, 24.7088,
25.4693)**

Conversions

Conversions Part 1

Format	Color
Hex	788D84
RGB	120, 141, 132
RGB Percent	47%, 55%, 52%
CMY	0.5294, 0.4470, 0.4823
CMYK	0.15, 0.00, 0.06, 0.45
HSL	154°, 8%, 51%
HSV	154°, 15%, 55%
XYZ	21.4355, 24.7088, 25.4693
YIQ	133.6950, -9.6270, -7.2510

Conversions

Conversions Part 2

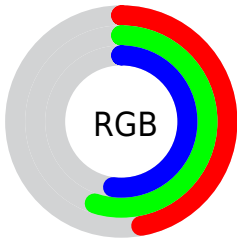
Format	Color
RYB	120, 133, 141
Decimal	7900548
CIELab	56.79, -9.41, 2.27
CIElCh	57, 9.676, 166.425
Yxy	24.7088, 0.2993, 0.3450
Android (android.graphics.Color)	4286090628 (0xFF788D84)
YUV	133.6950, -0.8356, -12.0105
Hunter-Lab	49.7079, -10.0146, 4.4166

Details

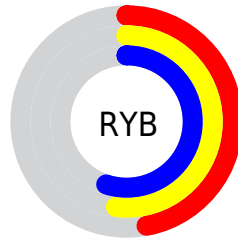
The XYZ color **21.4355, 24.7088, 25.4693** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.6644, 20.6813, 23.6201**, and the grayscale version is **22.5542, 23.7287, 25.8406**.

A 20% lighter version of the original color is **45.2853, 51.3037, 53.4147**, and **7.9010, 9.4463, 9.5905** is the 20% darker color. If you saturate the color by 10%, you get **19.2206, 23.6141, 23.2691**, and if you desaturate by 10%, it is **23.9638, 25.9637, 27.8103**.

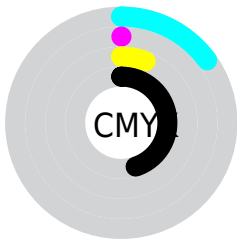
Distribution



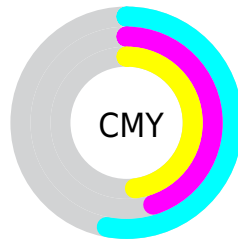
- Red (47%)
- Green (55%)
- Blue (52%)



- Red (47%)
- Yellow (52%)
- Blue (55%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4355, 24.7088, 25.4693 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 21.4355, 24.7088, 25.4693 by changing the saturation by 10% instead.

■ 21.4355, 24.7088,
25.4693

■ 21.4355, 24.7088,
25.4693

252.2721,
276.3846, 293.6892

■ 13.5570, 15.8602,
16.2048

■ 45.2970, 51.1844,
53.3911

■ 7.8928, 9.4253,
9.5133

■ 62.0108, 69.5803,
72.8855

■ 4.0777, 5.0196,
4.9761

■ 82.4003, 91.9273,
96.6270

■ 1.7462, 2.2588,
2.1748

106.8310,
118.6100, 125.0340

■ 0.4849, 0.7518,
0.6597

135.6681,
150.0126, 158.5253

■ 0.0000, 0.0000,
0.0000

169.2771,

186.5197, 197.5192

208.0233,
228.5156, 242.4343

■ 21.4355, 24.7088,
25.4693

■ 21.4355, 24.7088,
25.4693

■ 19.2206, 23.6141,
23.2691

■ 23.9638, 25.9637,
27.8103

■ 17.3040, 22.6697,
21.2054

■ 26.8155, 27.3818,
30.2931

■ 15.6726, 21.8697,
19.2759

■ 30.0028, 28.9701,
32.9207

■ 14.3113, 21.2063,
17.4777

■ 33.5367, 30.7341,
35.6957

■ 13.2037, 20.6711,
15.8077

■ 37.4276, 32.6792,
38.6203

■ 12.3314, 20.2548,
14.2628

■ 41.6854, 34.8105,
41.6971

■ 11.6734, 19.9464,
12.8395

■ 46.3197, 37.1329,
44.9282

■ 11.2020, 19.7318,
11.5340

■ 51.3398, 39.6510,
48.3159

■ 10.9943, 19.6383,
10.9103

■ 56.7545, 42.3695,
51.8623

Harmonies

Analogous

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



21.9457, 24.7088, 22.8381



21.4355, 24.7088, 25.4693



21.4618, 24.7088, 28.7019

Triad

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



21.4355, 24.7088, 25.4693



24.1047, 24.7088, 33.3250



25.0148, 24.7088, 22.6425

Complementary

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



21.4355, 24.7088, 25.4693



21.6644, 20.6813, 23.6201

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.



25.6314, 24.7088, 25.1822



21.4355, 24.7088, 25.4693



25.0946, 24.7088, 31.4252

Square

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



21.4355, 24.7088, 25.4693



22.9786, 24.7088, 33.4174



25.6611, 24.7088, 28.3909



23.9987, 24.7088, 21.2966

Rectangle

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



21.4355, 24.7088, 25.4693



21.7796, 24.7088, 30.7704



25.6611, 24.7088, 28.3909



25.2771, 24.7088, 23.3753

Sweetspot

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



21.4362, 24.7098, 25.4698



43.3043, 46.6887, 50.1513



21.9844, 25.0819, 21.4523



9.5983, 10.3914, 11.1354



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.4362, 24.7098, 25.4698



36.9393, 43.5325, 44.2060



21.8741, 24.5567, 28.7876



5.4638, 6.0778, 6.4085



10.0323, 17.9088, 9.9900



0.1070, 0.1756, 0.1538

Inverse Universe

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



21.6644, 20.6813, 23.6201



37.4320, 34.8366, 40.2139



21.2616, 20.7916, 20.6623



5.4988, 5.4601, 6.1248



10.7778, 5.4681, 4.4811



0.1137, 0.0566, 0.0991

Previews

White Background



This preview shows how the XYZ color 21.4355, 24.7088, 25.4693 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 21.4355, 24.7088, 25.4693 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

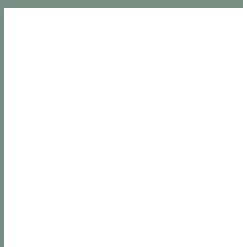
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4355, 24.7088, 25.4693

Background



This preview shows how black text looks on a background with the XYZ color 21.4355, 24.7088, 25.4693.



This preview shows how white text looks on a background with the XYZ color 21.4355, 24.7088,

25.4693.

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

21.4355, 24.7088, 25.4693

Protanopia

23.4416, 24.4884, 24.2601

Deuteranopia

25.1320, 24.7078, 25.9987



Tritanopia

22.6817, 24.5578, 31.9785

Trichromacy



Original Color

21.4355, 24.7088, 25.4693

Protanomaly

22.6478, 24.4896, 24.6524

Deuteranomaly

23.5451, 24.5104, 25.6803

Tritanomaly

22.2166, 24.5860, 29.5612

Monochromacy



Original Color

21.4355, 24.7088, 25.4693

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2326, 24.2519, 25.6996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4355, 24.7088, 25.4693 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, 141, 132)` looks like.

```
.text, #text, p{  
    color:rgb(120, 141, 132)  
}
```

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, 141, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 141, 132) }
```

Border

The CSS property to change the border of an element to XYZ 21.4355, 24.7088, 25.4693 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, 141, 132) }
```


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

```
.border{ border-color:rgb(120, 141, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 141, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 141, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 141, 132);  
box-shadow:4px 4px 4px 4px rgb(120, 141,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4355, 24.7088, 25.4693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 141, 132) }
```

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

```
.background{ background-color: rgb(120,  
141, 132) }
```

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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