

Converting Colors

XYZ(21.9465, 25.1413, 30.5337)

Have a look what the booklet for
XYZ(21.9465, 25.1413, 30.5337)
contains.

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Color

**XYZ(21.8541, 25.0352,
30.4685)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 738E91 |
| RGB | 115, 142, 145 |
| RGB Percent | 45%, 56%, 57% |
| CMY | 0.5490, 0.4431, 0.4314 |
| CMYK | 0.21, 0.02, 0.00, 0.43 |
| HSL | 186°, 12%, 51% |
| HSV | 186°, 21%, 57% |
| XYZ | 21.8541, 25.0352, 30.4685 |
| YIQ | 134.2690, -17.0550, -4.7910 |

Conversions

Conversions Part 2

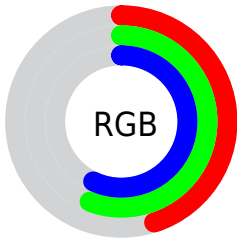
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 115, 129, 145 |
| Decimal | 7573137 |
| CIE _{Lab} | 57.11, -8.81, -4.76 |
| CIE _{LCh} | 57, 10.019, 208.397 |
| Yxy | 25.0352, 0.2825, 0.3236 |
| Android (android.graphics.Color) | 4285763217 (0xFF738E91) |
| YUV | 134.2690, 5.2904, -16.8989 |
| Hunter-Lab | 50.0352, -9.5973, -1.0795 |

Details

The XYZ color **21.8541, 25.0352, 30.4685** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.2503, 20.2145, 19.0020**, and the grayscale version is **22.7452, 23.9297, 26.0594**.

A 20% lighter version of the original color is **45.9851, 51.8189, 61.6112**, and **8.1395, 9.6388, 12.2579** is the 20% darker color. If you saturate the color by 10%, you get **19.8813, 23.7009, 30.3153**, and if you desaturate by 10%, it is **24.1311, 26.5318, 30.6378**.

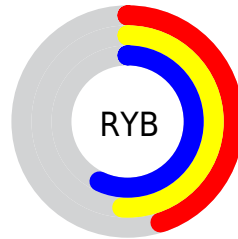
Distribution



Red (45%)

Green (56%)

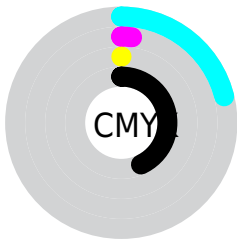
Blue (57%)



Red (45%)

Yellow (51%)

Blue (57%)

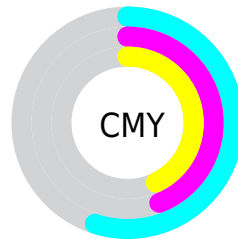


Cyan (21%)

Magenta (2%)

Yellow (0%)

Black (43%)



Cyan (55%)

Magenta (44%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8541, 25.0352, 30.4685 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 21.8541, 25.0352, 30.4685 by changing the saturation by 10% instead.

■ 21.8541, 25.0352,
30.4685

■ 21.8541, 25.0352,
30.4685

254.4301,
278.0132, 318.3572

■ 13.8657, 16.1033,
19.9394

■ 45.9854, 51.7143,
61.4720

■ 8.1084, 9.5973,
12.1674

■ 62.8590, 70.2303,
82.7836

■ 4.2168, 5.1328,
6.7338

■ 83.4251, 92.7098,
108.5263

■ 1.8255, 2.3254,
3.2203

108.0491,
119.5371, 139.1188

■ 0.5330, 0.7871,
1.2082

137.0962,
151.0968, 174.9796

■ 0.0000, 0.0000,
0.0000

170.9318,

187.7730, 216.5272

209.9213,
229.9504, 264.1803

■ 21.8541, 25.0352,
30.4685

■ 21.8541, 25.0352,
30.4685

■ 19.8813, 23.7009,
30.3153

■ 24.1311, 26.5318,
30.6378

■ 18.1966, 22.5185,
30.1759

■ 26.7232, 28.1944,
30.8221

■ 16.7856, 21.4813,
30.0501

■ 29.6434, 30.0304,
31.0225

■ 15.6316, 20.5809,
29.9371

■ 32.9034, 32.0458,
31.2397

■ 14.7166, 19.8076,
29.8361

■ 36.5143, 34.2462,
31.4741

■ 14.0197, 19.1509,
29.7461

■ 40.4867, 36.6372,
31.7263

■ 13.5166, 18.5982,
29.6659

■ 44.8306, 39.2240,
31.9966

■ 13.1616, 18.1457,
29.5972

■ 49.5557, 42.0117,
32.2857

■ 54.6715, 45.0049,
32.5938

Harmonies

Analogous

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



21.5979, 25.0352, 27.0777



21.8541, 25.0352, 30.4685



22.6256, 25.0352, 33.1780

Triad

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



21.8541, 25.0352, 30.4685



25.7810, 25.0352, 30.8089



23.8587, 25.0352, 21.2645

Complementary

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



21.8541, 25.0352, 30.4685



21.2503, 20.2145, 19.0020

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.



25.0044, 25.0352, 22.0896



21.8541, 25.0352, 30.4685



26.1367, 25.0352, 27.4413

Square

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



21.8541, 25.0352, 30.4685



24.8909, 25.0352, 33.3857



25.8480, 25.0352, 24.2833



22.7321, 25.0352, 21.9319

Rectangle

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



21.8541, 25.0352, 30.4685



23.3417, 25.0352, 34.1345



25.8480, 25.0352, 24.2833



24.2546, 25.0352, 21.3751

Sweetspot

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



21.8548, 25.0362, 30.4691



45.2616, 48.8350, 55.0141



20.4365, 25.1923, 20.7702



10.0118, 10.8271, 12.2344



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.



21.8548, 25.0362, 30.4691



37.3643, 43.6449, 54.4286



19.8357, 20.9979, 29.7960



5.5149, 6.0255, 6.9011



11.2996, 15.5852, 25.3898



0.1166, 0.1662, 0.2456

Inverse Universe

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



22.6909, 20.2348, 28.3021



39.1646, 33.4455, 49.7309



23.0913, 23.8965, 19.6157



5.6034, 5.5019, 6.6753



13.5066, 6.5597, 18.8511



0.1335, 0.0645, 0.2031

Previews

White Background



This preview shows how the XYZ color 21.8541, 25.0352, 30.4685 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 21.8541, 25.0352, 30.4685 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

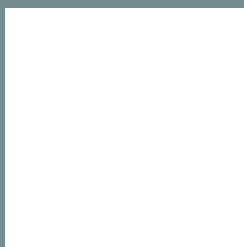
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8541, 25.0352, 30.4685

Background



This preview shows how black text looks on a background with the XYZ color 21.8541, 25.0352, 30.4685.

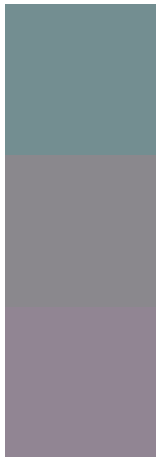


This preview shows how white text looks on a background with the XYZ color 21.8541, 25.0352,

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

21.8541, 25.0352, 30.4685

Protanopia

24.0931, 24.9347, 28.7423

Deuteranopia

25.3310, 24.9014, 31.0751



Tritanopia

22.3948, 25.0298, 33.3567

Trichromacy



Original Color

21.8541, 25.0352, 30.4685

Protanomaly

23.1769, 24.8758, 29.1711

Deuteranomaly

23.8240, 24.7520, 30.7161

Tritanomaly

22.1522, 24.9327, 32.0787

Monochromacy



Original Color

21.8541, 25.0352, 30.4685

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2855, 24.2383, 27.5486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8541, 25.0352, 30.4685 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(115, 142, 145)` looks like.

```
.text, #text, p{  
    color:rgb(115, 142, 145)  
}
```

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(115, 142, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 142, 145) }
```

Border

The CSS property to change the border of an element to XYZ 21.8541, 25.0352, 30.4685 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(115, 142, 145) }
```


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

```
.border{ border-color:rgb(115, 142, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 142, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 142, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 142, 145);  
box-shadow:4px 4px 4px 4px rgb(115, 142,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8541, 25.0352, 30.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 142, 145) }
```

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

```
.background{ background-color: rgb(115,  
142, 145) }
```

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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