

Converting Colors

XYZ(21.9783, 25.6587, 30.4040)

Have a look what the booklet for
XYZ(21.9783, 25.6587, 30.4040)
contains.

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Color

**XYZ(21.8941, 25.5016,
30.5564)**

Conversions

Conversions Part 1

Format	Color
Hex	719091
RGB	113, 144, 145
RGB Percent	44%, 56%, 57%
CMY	0.5569, 0.4353, 0.4314
CMYK	0.22, 0.01, 0.00, 0.43
HSL	182°, 13%, 51%
HSV	182°, 22%, 57%
XYZ	21.8941, 25.5016, 30.5564
YIQ	134.8450, -18.7970, -6.2610

Conversions

Conversions Part 2

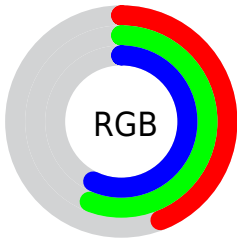
Format	Color
R_{YB}	113, 129, 145
Decimal	7442577
CIE _{Lab}	57.56, -10.57, -4.11
CIE _{LCh}	58, 11.343, 201.257
Yxy	25.5016, 0.2809, 0.3271
Android (android.graphics.Color)	4285632657 (0xFF719091)
YUV	134.8450, 5.0064, -19.1581
Hunter-Lab	50.4991, -10.9840, -0.5263

Details

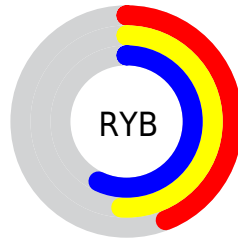
The XYZ color **21.8941, 25.5016, 30.5564** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6751, 19.2465, 18.2483**, and the grayscale version is **22.9593, 24.1549, 26.3047**.

A 20% lighter version of the original color is **46.0199, 52.5110, 61.7430**, and **8.1826, 9.9216, 12.3103** is the 20% darker color. If you saturate the color by 10%, you get **20.1075, 24.4798, 30.4538**, and if you desaturate by 10%, it is **23.9805, 26.6797, 30.6742**.

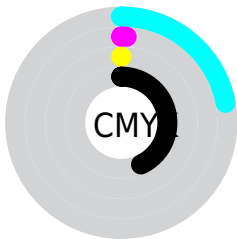
Distribution



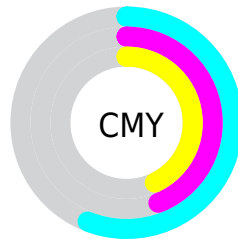
- Red (44%)
- Green (56%)
- Blue (57%)



- Red (44%)
- Yellow (51%)
- Blue (57%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (56%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8941, 25.5016, 30.5564 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 21.8941, 25.5016, 30.5564 by changing the saturation by 10% instead.

■ 21.8941, 25.5016,
30.5564

■ 21.8941, 25.5016,
30.5564

254.6355,
280.3268, 318.7771

■ 13.8953, 16.4512,
20.0057

■ 46.0511, 52.4698,
61.6124

■ 8.1291, 9.8440,
12.2150

■ 62.9399, 71.1564,
82.9547

■ 4.2302, 5.2956,
6.7660

■ 83.5228, 93.8237,
108.7312

■ 1.8331, 2.4217,
3.2400

■ 108.1651,
120.8563, 139.3606

■ 0.5375, 0.8370,
1.2184

137.2322,
152.6385, 175.2614

■ 0.0000, 0.0000,
0.0000

171.0894,

189.5548, 216.8520

210.1020,
231.9894, 264.5511

■ 21.8941, 25.5016,
30.5564

■ 21.8941, 25.5016,
30.5564

■ 20.1075, 24.4798,
30.4538

■ 23.9805, 26.6797,
30.6742

■ 18.6045, 23.6039,
30.3639

■ 26.3777, 28.0178,
30.8062

■ 17.3704, 22.8670,
30.2867

■ 29.0989, 29.5233,
30.9533

■ 16.3885, 22.2606,
30.2214

■ 32.1557, 31.2022,
31.1163

■ 15.6403, 21.7751,
30.1671

■ 35.5593, 33.0603,
31.2956

■ 15.1047, 21.3996,
30.1229

■ 39.3203, 35.1031,
31.4916

■ 14.7567, 21.1211,
30.0875

■ 43.4490, 37.3358,
31.7050

■ 14.5593, 20.9411,
30.0631

■ 47.9550, 39.7635,
31.9361

■ 52.8477, 42.3909,
32.1853

Harmonies

Analogous

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



21.7573, 25.5016, 26.6498



21.8941, 25.5016, 30.5564



22.6467, 25.5016, 33.9923

Triad

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



21.8941, 25.5016, 30.5564



26.3246, 25.5016, 32.6952



24.6361, 25.5016, 21.0352

Complementary

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



21.8941, 25.5016, 30.5564



20.6751, 19.2465, 18.2483

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.



25.9032, 25.5016, 22.3521



21.8941, 25.5016, 30.5564



26.9016, 25.5016, 28.9148

Square

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



21.8941, 25.5016, 30.5564



25.1939, 25.5016, 35.3048



26.7446, 25.5016, 25.1526



23.3076, 25.5016, 21.3864

Rectangle

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



21.8941, 25.5016, 30.5564



23.4122, 25.5016, 35.4361



26.7446, 25.5016, 25.1526



25.0840, 25.5016, 21.2926

Sweetspot

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



21.8948, 25.5026, 30.5570



44.9872, 48.9217, 55.0453



19.9465, 24.9662, 19.5486



9.9611, 10.8570, 12.2428



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.



21.8948, 25.5026, 30.5570



37.7136, 44.8181, 54.6366



19.7014, 21.1158, 29.8258



5.5461, 6.0879, 6.9115



12.4915, 17.9689, 25.7871



0.1224, 0.1777, 0.2475

Inverse Universe

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



22.6168, 19.8440, 29.0251



39.2251, 33.0262, 51.4166



22.5787, 23.0538, 18.8829



5.6191, 5.5082, 6.7582



14.1082, 6.8003, 22.0190



0.1364, 0.0656, 0.2183

Previews

White Background



This preview shows how the XYZ color 21.8941, 25.5016, 30.5564 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 21.8941, 25.5016, 30.5564 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

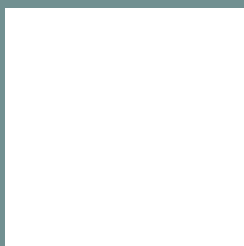
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8941, 25.5016, 30.5564

Background



This preview shows how black text looks on a background with the XYZ color 21.8941, 25.5016, 30.5564.



This preview shows how white text looks on a background with the XYZ color 21.8941, 25.5016,

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

21.8941, 25.5016, 30.5564

Protanopia

24.4008, 25.3034, 28.7973

Deuteranopia

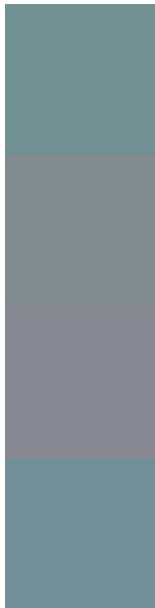
25.8242, 25.3598, 31.1376



Tritanopia

22.7254, 25.6229, 34.3198

Trichromacy



Original Color

21.8941, 25.5016, 30.5564

Protanomaly

23.4665, 25.4550, 29.2677

Deuteranomaly

24.2685, 25.4032, 30.8183

Tritanomaly

22.3478, 25.4567, 33.0139

Monochromacy



Original Color

21.8941, 25.5016, 30.5564

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.5011, 24.5531, 27.9794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8941, 25.5016, 30.5564 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(113, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(113, 144, 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(113, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 144, 145) }
```

Border

The CSS property to change the border of an element to XYZ 21.8941, 25.5016, 30.5564 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(113, 144, 145) }
```


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

```
.border{ border-color:rgb(113, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(113, 144,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8941, 25.5016, 30.5564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 144, 145) }
```

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

```
.background{ background-color: rgb(113,  
144, 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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