

Converting Colors

XYZ(18.4888, 21.3236, 29.5138)

Have a look what the booklet for
XYZ(18.4888, 21.3236, 29.5138)
contains.

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Color

**XYZ(18.5672, 21.4413,
29.5456)**

Conversions

Conversions Part 1

Format	Color
Hex	638590
RGB	99, 133, 144
RGB Percent	39%, 52%, 56%
CMY	0.6118, 0.4784, 0.4353
CMYK	0.31, 0.08, 0.00, 0.44
HSL	195°, 19%, 48%
HSV	195°, 31%, 56%
XYZ	18.5672, 21.4413, 29.5456
YIQ	124.0880, -23.7950, -3.7870

Conversions

Conversions Part 2

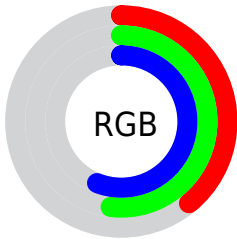
Format	Color
R_{YB}	99, 118, 144
Decimal	6522256
CIE _{Lab}	53.43, -9.15, -9.78
CIE _{LCh}	53, 13.388, 226.905
Yxy	21.4413, 0.2669, 0.3083
Android (android.graphics.Color)	4284712336 (0xFF638590)
YUV	124.0880, 9.8166, -22.0022
Hunter-Lab	46.3048, -9.4587, -5.4178

Details

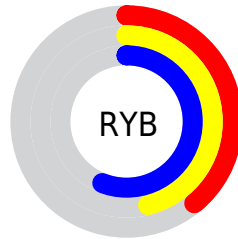
The XYZ color **18.5672, 21.4413, 29.5456** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.3301, 17.9824, 14.2572**, and the grayscale version is **19.1620, 20.1599, 21.9542**.

A 20% lighter version of the original color is **40.5144, 45.7743, 60.1261**, and **6.4290, 7.6728, 11.7318** is the 20% darker color. If you saturate the color by 10%, you get **16.6584, 19.7544, 29.3210**, and if you desaturate by 10%, it is **20.7740, 23.3069, 29.7897**.

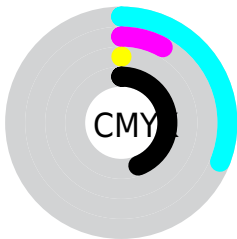
Distribution



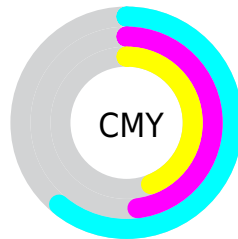
- Red (39%)
- Green (52%)
- Blue (56%)



- Red (39%)
- Yellow (46%)
- Blue (56%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (44%)



- Cyan (61%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5672, 21.4413, 29.5456 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 18.5672, 21.4413, 29.5456 by changing the saturation by 10% instead.

■ 18.5672, 21.4413,
29.5456

■ 18.5672, 21.4413,
29.5456

237.0332,
259.6145, 313.9217

■ 11.4601, 13.4470,
19.2448

■ 40.5240, 45.8208,
59.9953

■ 6.4468, 7.7370,
11.6687

■ 56.1045, 62.9748,
80.9813

■ 3.1618, 3.9271,
6.3987

■ 75.2401, 83.9508,
106.3662

■ 1.2399, 1.6329,
3.0163

■ 98.2963, 109.1332,
136.5684

■ 0.1375, 0.3796,
1.1030

125.6383,
138.9063, 172.0065

■ 0.0000, 0.0000,
0.0000

157.6315,

173.6547, 213.0991

194.6414,
213.7626, 260.2646

■ 18.5672, 21.4413,
29.5456

■ 18.5672, 21.4413,
29.5456

■ 16.6584, 19.7544,
29.3210

■ 20.7740, 23.3069,
29.7897

■ 15.0307, 18.2355,
29.1136

■ 23.2908, 25.3560,
30.0526

■ 13.6681, 16.8769,
28.9232

■ 26.1313, 27.5963,
30.3353

■ 12.5524, 15.6688,
28.7488

■ 29.3078, 30.0346,
30.6385

■ 11.6631, 14.6005,
28.5894

■ 32.8319, 32.6769,
30.9628

■ 10.9757, 13.6590,
28.4439

■ 36.7147, 35.5292,
31.3087

■ 10.4819, 12.9091,
28.3252

■ 40.9666, 38.5972,
31.6768

■ 45.5980, 41.8862,
32.0675

■ 50.6183, 45.4014,
32.4814

Harmonies

Analogous

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



17.8728, 21.4413, 25.6985



18.5672, 21.4413, 29.5456



19.7659, 21.4413, 31.8365

Triad

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



18.5672, 21.4413, 29.5456



23.1610, 21.4413, 25.1660



19.5943, 21.4413, 16.6247

Complementary

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



18.5672, 21.4413, 29.5456



19.3301, 17.9824, 14.2572

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.



21.0053, 21.4413, 16.5175



18.5672, 21.4413, 29.5456



23.1098, 21.4413, 21.1415

Square

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



18.5672, 21.4413, 29.5456



22.4425, 21.4413, 29.1169



22.3057, 21.4413, 18.0805



18.4466, 21.4413, 18.3928

Rectangle

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



18.5672, 21.4413, 29.5456



20.7099, 21.4413, 32.0175



22.3057, 21.4413, 18.0805



20.0523, 21.4413, 16.4011

Sweetspot

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



18.5678, 21.4422, 29.5461



42.0655, 45.5089, 53.1050



17.9067, 23.7146, 18.2437



9.5007, 10.3199, 12.1634



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.



18.5678, 21.4422, 29.5461



30.4986, 35.8459, 51.8495



15.8647, 16.0358, 28.6450



5.4501, 5.8961, 6.8796



9.1466, 11.2791, 24.6721



0.1047, 0.1422, 0.2416

Inverse Universe

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



20.1977, 16.5471, 24.3205



33.8706, 26.1210, 40.9482



22.0055, 23.3332, 15.1490



5.5707, 5.4888, 6.5032



12.4199, 6.1250, 13.1283



0.1274, 0.0620, 0.1712

Previews

White Background



This preview shows how the XYZ color 18.5672, 21.4413, 29.5456 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 18.5672, 21.4413, 29.5456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

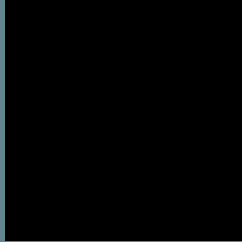
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.5672, 21.4413, 29.5456

Background



This preview shows how black text looks on a background with the XYZ color 18.5672, 21.4413, 29.5456.



This preview shows how white text looks on a background with the XYZ color 18.5672, 21.4413,

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

18.5672, 21.4413, 29.5456

Protanopia

20.7987, 21.2508, 27.8165

Deuteranopia

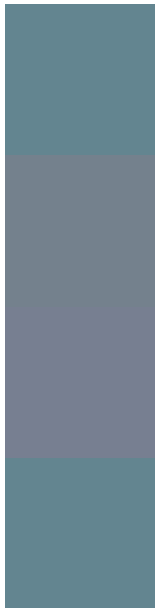
21.7560, 21.3159, 30.1618



Tritanopia

18.5672, 21.4413, 29.5456

Trichromacy



Original Color

18.5672, 21.4413, 29.5456

Protanomaly

19.8604, 21.3366, 28.2709

Deuteranomaly

20.3080, 21.1450, 29.7991

Tritanomaly

18.5672, 21.4413, 29.5456

Monochromacy



Original Color

18.5672, 21.4413, 29.5456

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.7563, 20.4623, 24.4338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5672, 21.4413, 29.5456 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(99, 133, 144) looks like.

```
.text, #text, p{  
    color:rgb(99, 133, 144)  
}
```

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(99, 133, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 133, 144) }
```

Border

The CSS property to change the border of an element to XYZ 18.5672, 21.4413, 29.5456 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(99, 133, 144) }
```


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

```
.border{ border-color:rgb(99, 133, 144) }
```

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

Here you see how a box with a 4 pixel rgb(99, 133, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 133, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 133, 144);  
box-shadow:4px 4px 4px 4px rgb(99, 133,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5672, 21.4413, 29.5456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 133, 144) }
```

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

```
.background{ background-color: rgb(99, 133,  
144) }
```

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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