

Converting Colors

XYZ(21.5240, 25.6247, 30.2117)

Have a look what the booklet for
XYZ(21.5240, 25.6247, 30.2117)
contains.

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Color

**XYZ(21.4661, 25.5156,
30.1792)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9190
RGB	109, 145, 144
RGB Percent	43%, 57%, 56%
CMY	0.5725, 0.4314, 0.4353
CMYK	0.25, 0.00, 0.01, 0.43
HSL	178°, 14%, 50%
HSV	178°, 25%, 57%
XYZ	21.4661, 25.5156, 30.1792
YIQ	134.1220, -21.1350, -7.9430

Conversions

Conversions Part 2

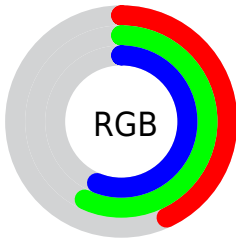
Format	Color
R _Y B	109, 127, 145
Decimal	7180688
CIE Lab	57.57, -12.64, -3.55
CIE LCh	58, 13.128, 195.680
Yxy	25.5156, 0.2782, 0.3307
Android (android.graphics.Color)	4285370768 (0xFF6D9190)
YUV	134.1220, 4.8699, -22.0320
Hunter-Lab	50.5130, -12.5420, -0.0640

Details

The XYZ color **21.4661, 25.5156, 30.1792** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.9610, 18.0835, 17.1912**, and the grayscale version is **22.6936, 23.8755, 26.0004**.

A 20% lighter version of the original color is **45.3144, 52.5011, 61.1715**, and **7.8866, 9.7742, 12.0606** is the 20% darker color. If you saturate the color by 10%, you get **19.7968, 24.6593, 29.9409**, and if you desaturate by 10%, it is **23.4312, 26.5258, 30.4330**.

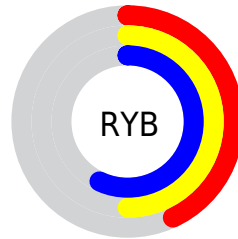
Distribution



Red (43%)

Green (57%)

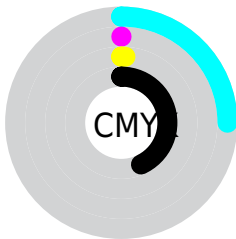
Blue (56%)



Red (43%)

Yellow (50%)

Blue (57%)

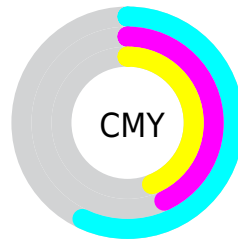


Cyan (25%)

Magenta (0%)

Yellow (1%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4661, 25.5156, 30.1792 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 21.4661, 25.5156, 30.1792 by changing the saturation by 10% instead.

■ 21.4661, 25.5156,
30.1792

■ 21.4661, 25.5156,
30.1792

252.4304,
280.3960, 316.9721

■ 13.5795, 16.4616,
19.7214

■ 45.3474, 52.4925,
61.0098

■ 7.9085, 9.8514,
12.0107

■ 62.0729, 71.1841,
82.2197

■ 4.0878, 5.3005,
6.6283

■ 82.4754, 93.8571,
107.8508

■ 1.7519, 2.4247,
3.1559

■ 106.9202,
120.8958, 138.3216

■ 0.4884, 0.8385,
1.1748

135.7728,
152.6847, 174.0505

■ 0.0000, 0.0000,
0.0000

169.3984,

189.6081, 215.4562

208.1625,
232.0504, 262.9573

■ 21.4661, 25.5156,
30.1792

■ 21.4661, 25.5156,
30.1792

■ 19.7968, 24.6593,
29.9409

■ 23.4312, 26.5258,
30.4330

■ 18.4068, 23.9463,
29.7157

■ 25.7035, 27.6936,
30.7012

■ 17.2812, 23.3695,
29.5035

■ 28.2962, 29.0265,
30.9850

■ 16.4027, 22.9201,
29.3034

■ 31.2212, 30.5308,
31.2849

■ 15.7522, 22.5883,
29.1145

■ 34.4898, 32.2123,
31.6015

■ 15.3077, 22.3627,
28.9359

■ 38.1129, 34.0764,
31.9352

■ 15.0406, 22.2284,
28.7661

■ 42.1006, 36.1285,
32.2866

■ 14.9312, 22.1738,
28.6799

■ 46.4629, 38.3736,
32.6560

■ 51.2092, 40.8168,
33.0441

Harmonies

Analogous

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



21.4490, 25.5156, 25.7029



21.4661, 25.5156, 30.1792



22.2078, 25.5156, 34.4216

Triad

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



21.4661, 25.5156, 30.1792



26.4711, 25.5156, 34.2548



25.0044, 25.5156, 20.2345

Complementary

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



21.4661, 25.5156, 30.1792



19.9610, 18.0835, 17.1912

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.



26.4175, 25.5156, 22.0566



21.4661, 25.5156, 30.1792



27.2887, 25.5156, 29.9706

Square

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



21.4661, 25.5156, 30.1792



25.0750, 25.5156, 36.9418



27.2687, 25.5156, 25.5155



23.4469, 25.5156, 20.2775

Rectangle

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



21.4661, 25.5156, 30.1792



23.0325, 25.5156, 36.4070



27.2687, 25.5156, 25.5155



25.5134, 25.5156, 20.6399

Sweetspot

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



21.4668, 25.5166, 30.1798



45.0357, 49.0823, 54.8653



19.3418, 24.6838, 18.2135



9.9726, 10.8952, 12.2000



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.



21.4668, 25.5166, 30.1798



36.6459, 44.7723, 53.7942



19.1635, 20.7869, 29.7915



5.5539, 6.1138, 6.8825



12.8081, 19.0191, 24.6074



0.1238, 0.1824, 0.2422

Inverse Universe

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



19.9610, 18.0835, 17.1912



33.4551, 29.0193, 26.2700



21.8736, 21.9953, 17.5611



5.4146, 5.4264, 5.6812



10.0364, 5.1716, 0.5772



0.0969, 0.0498, 0.0106

Previews

White Background



This preview shows how the XYZ color 21.4661, 25.5156, 30.1792 looks on a white background.

Color Contrast Check

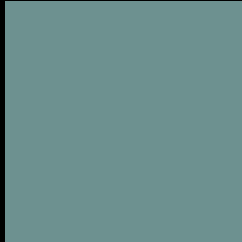
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4661, 25.5156, 30.1792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

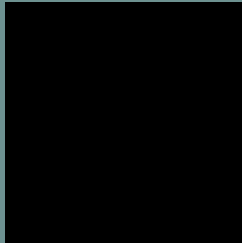
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.4661, 25.5156, 30.1792

Background



This preview shows how black text looks on a background with the XYZ color 21.4661, 25.5156, 30.1792.



This preview shows how white text looks on a background with the XYZ color 21.4661, 25.5156,

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

21.4661, 25.5156, 30.1792

Protanopia

24.4211, 25.3308, 28.0283

Deuteranopia

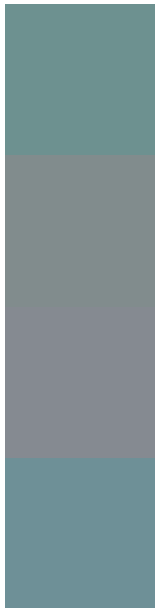
25.7460, 25.3286, 30.7261



Tritanopia

22.2944, 25.3910, 34.7363

Trichromacy



Original Color

21.4661, 25.5156, 30.1792

Protanomaly

23.2391, 25.3464, 28.8668

Deuteranomaly

23.8722, 25.2078, 30.3955

Tritanomaly

21.9896, 25.4959, 33.0404

Monochromacy



Original Color

21.4661, 25.5156, 30.1792

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.1334, 24.3719, 27.5825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4661, 25.5156, 30.1792 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(109, 145, 144)` looks like.

```
.text, #text, p{  
    color:rgb(109, 145, 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(109, 145, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 145, 144) }
```

Border

The CSS property to change the border of an element to XYZ 21.4661, 25.5156, 30.1792 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(109, 145, 144) }
```


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

```
.border{ border-color:rgb(109, 145, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 145, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 145, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 145, 144);  
box-shadow:4px 4px 4px 4px rgb(109, 145,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4661, 25.5156, 30.1792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 145, 144) }
```

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

```
.background{ background-color: rgb(109,  
145, 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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