

Converting Colors

XYZ(21.7091, 25.5828, 37.7050)

Have a look what the booklet for
XYZ(21.7091, 25.5828, 37.7050)
contains.

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Color

**XYZ(21.5954, 25.4207,
37.4867)**

Conversions

Conversions Part 1

Format	Color
Hex	6291A1
RGB	98, 145, 161
RGB Percent	38%, 57%, 63%
CMY	0.6157, 0.4314, 0.3686
CMYK	0.39, 0.10, 0.00, 0.37
HSL	195°, 25%, 51%
HSV	195°, 39%, 63%
XYZ	21.5954, 25.4207, 37.4867
YIQ	132.7710, -33.1480, -4.9880

Conversions

Conversions Part 2

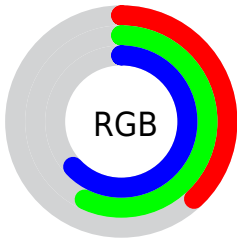
Format	Color
R_{YB}	98, 125, 161
Decimal	6459809
CIE _{Lab}	57.48, -11.64, -13.48
CIE _{LCh}	57, 17.807, 229.199
Yxy	25.4207, 0.2556, 0.3008
Android (android.graphics.Color)	4284649889 (0xFF6291A1)
YUV	132.7710, 13.9169, -30.4942
Hunter-Lab	50.4189, -11.7782, -8.7891

Details

The XYZ color **21.5954, 25.4207, 37.4867** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9202, 20.4938, 14.3035**, and the grayscale version is **22.1714, 23.3260, 25.4020**.

A 20% lighter version of the original color is **45.5806, 52.3840, 72.6745**, and **7.9792, 9.8694, 15.9524** is the 20% darker color. If you saturate the color by 10%, you get **19.4165, 23.3872, 37.2095**, and if you desaturate by 10%, it is **24.1478, 27.6813, 37.7890**.

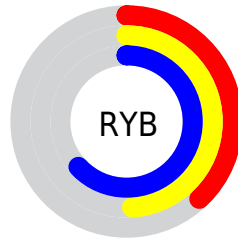
Distribution



Red (38%)

Green (57%)

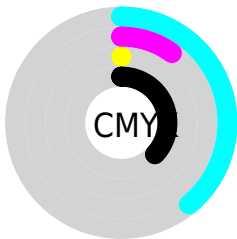
Blue (63%)



Red (38%)

Yellow (49%)

Blue (63%)

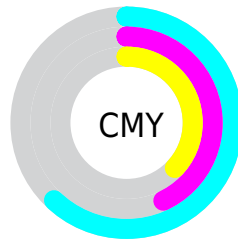


Cyan (39%)

Magenta (10%)

Yellow (0%)

Black (37%)



Cyan (62%)

Magenta (43%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5954, 25.4207, 37.4867 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 21.5954, 25.4207, 37.4867 by changing the saturation by 10% instead.

■ 21.5954, 25.4207,
37.4867

■ 21.5954, 25.4207,
37.4867

253.0983,
279.9266, 350.6448

■ 13.6748, 16.3908,
25.2858

■ 45.5602, 52.3389,
72.5154

■ 7.9750, 9.8011,
16.0692

■ 62.3352, 70.9960,
96.1802

■ 4.1307, 5.2673,
9.4182

■ 82.7923, 93.6309,
124.5035

■ 1.7763, 2.4049,
4.9144

■ 107.2970,
120.6280, 157.9037

■ 0.5033, 0.8284,
2.1393

136.2146,
152.3717, 196.7994

■ 0.0000, 0.0000,
0.6390

169.9104,

■ 0.0000, 0.0000,

189.2465, 241.6091

0.0000

208.7499,
231.6366, 292.7514

■ 21.5954, 25.4207,
37.4867

■ 21.5954, 25.4207,
37.4867

■ 19.4165, 23.3872,
37.2095

■ 24.1478, 27.6813,
37.7890

■ 17.5875, 21.5664,
36.9544

■ 27.0908, 30.1765,
38.1155

■ 16.0854, 19.9470,
36.7210

■ 30.4435, 32.9169,
38.4677

■ 14.8838, 18.5147,
36.5079

■ 34.2227, 35.9115,
38.8465

■ 13.9514, 17.2532,
36.3135

■ 38.4444, 39.1691,
39.2528

■ 13.2240, 16.1289,
36.1349

■ 43.1238, 42.6976,
39.6872

■ 13.1635, 16.0340,
36.1197

■ 48.2753, 46.5048,
40.1506

■ 53.9125, 50.5981,
40.6436

■ 60.0488, 54.9846,
41.1668

Harmonies

Analogous

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



20.5138, 25.4207, 31.6968



21.5954, 25.4207, 37.4867



23.4059, 25.4207, 40.7985

Triad

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



21.5954, 25.4207, 37.4867



28.3897, 25.4207, 29.9241



22.8462, 25.4207, 18.0553

Complementary

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



21.5954, 25.4207, 37.4867



22.9202, 20.4938, 14.3035

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.



24.9334, 25.4207, 17.7247



21.5954, 25.4207, 37.4867



28.2180, 25.4207, 24.0156

Square

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



21.5954, 25.4207, 37.4867



27.3795, 25.4207, 36.0268



26.9235, 25.4207, 19.7508



21.2062, 25.4207, 20.7316

Rectangle

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



21.5954, 25.4207, 37.4867



24.8189, 25.4207, 40.8719



26.9235, 25.4207, 19.7508



23.5160, 25.4207, 17.6826

Sweetspot

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



21.5962, 25.4217, 37.4873



52.5819, 57.3833, 68.6913



20.8055, 29.2961, 20.4038



11.3722, 12.4550, 15.0483



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.5962, 25.4217, 37.4873



35.2245, 42.3169, 66.6980



17.4597, 17.1488, 36.1085



7.1231, 7.7053, 9.0149



10.5469, 12.8731, 28.8587



0.2560, 0.3392, 0.6178

Inverse Universe

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



24.1771, 18.3574, 29.0582



40.6547, 28.3669, 48.7587



27.0667, 28.7867, 15.6857



7.2871, 7.1713, 8.4984



14.4690, 7.1437, 14.9265



0.3214, 0.1570, 0.4050

Previews

White Background



This preview shows how the XYZ color 21.5954, 25.4207, 37.4867 looks on a white background.

Color Contrast Check

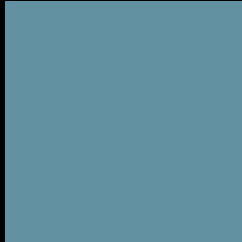
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5954, 25.4207, 37.4867 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 21.5954, 25.4207, 37.4867

Background



This preview shows how black text looks on a background with the XYZ color 21.5954, 25.4207, 37.4867.



This preview shows how white text looks on a background with the XYZ color 21.5954, 25.4207,

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

21.5954, 25.4207, 37.4867

Protanopia

24.7122, 25.1258, 34.5576

Deuteranopia

25.6172, 25.0978, 38.1445



Tritanopia

21.2945, 25.5335, 35.7044

Trichromacy



Original Color

21.5954, 25.4207, 37.4867

Protanomaly

23.3445, 25.0371, 35.5006

Deuteranomaly

23.7784, 24.9965, 37.7540

Tritanomaly

21.3802, 25.5678, 36.1560

Monochromacy



Original Color

21.5954, 25.4207, 37.4867

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.6493, 23.8676, 29.4525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5954, 25.4207, 37.4867 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(98, 145, 161)` looks like.

```
.text, #text, p{  
    color:rgb(98, 145, 161)  
}
```

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(98, 145, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 145, 161) }
```

Border

The CSS property to change the border of an element to XYZ 21.5954, 25.4207, 37.4867 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(98, 145, 161) }
```


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

```
.border{ border-color:rgb(98, 145, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 145, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 145, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 145, 161);  
box-shadow:4px 4px 4px 4px rgb(98, 145,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5954, 25.4207, 37.4867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 145, 161) }
```

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

```
.background{ background-color: rgb(98, 145,  
161) }
```

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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