

Converting Colors

XYZ(21.4492, 25.4293, 37.3348)

Have a look what the booklet for
XYZ(21.4492, 25.4293, 37.3348)
contains.

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Color

**XYZ(21.3823, 25.3108,
37.4767)**

Conversions

Conversions Part 1

Format	Color
Hex	6091A1
RGB	96, 145, 161
RGB Percent	38%, 57%, 63%
CMY	0.6235, 0.4314, 0.3686
CMYK	0.40, 0.10, 0.00, 0.37
HSL	195°, 26%, 50%
HSV	195°, 40%, 63%
XYZ	21.3823, 25.3108, 37.4767
YIQ	132.1730, -34.3400, -5.4120

Conversions

Conversions Part 2

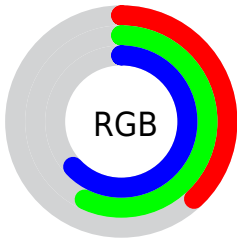
Format	Color
R_{YB}	96, 124, 161
Decimal	6328737
CIE _{Lab}	57.38, -12.19, -13.65
CIE _{LCh}	57, 18.298, 228.244
Yxy	25.3108, 0.2540, 0.3007
Android (android.graphics.Color)	4284518817 (0xFF6091A1)
YUV	132.1730, 14.2117, -31.7237
Hunter-Lab	50.3098, -12.1775, -8.9493

Details

The XYZ color **21.3823, 25.3108, 37.4767** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.6039, 20.0104, 13.7381**, and the grayscale version is **21.9544, 23.0977, 25.1534**.

A 20% lighter version of the original color is **45.2125, 52.1943, 72.6573**, and **7.8912, 9.8240, 15.9483** is the 20% darker color. If you saturate the color by 10%, you get **19.2639, 23.3360, 37.2076**, and if you desaturate by 10%, it is **23.8703, 27.5087, 37.7702**.

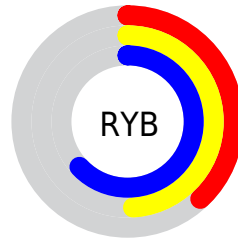
Distribution



Red (38%)

Green (57%)

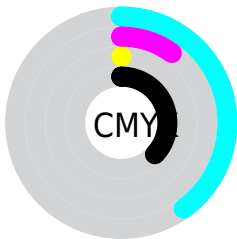
Blue (63%)



Red (38%)

Yellow (49%)

Blue (63%)

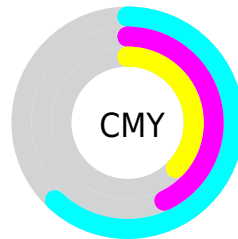


Cyan (40%)

Magenta (10%)

Yellow (0%)

Black (37%)



Cyan (62%)

Magenta (43%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3823, 25.3108, 37.4767 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 21.3823, 25.3108, 37.4767 by changing the saturation by 10% instead.

■ 21.3823, 25.3108,
37.4767

■ 21.3823, 25.3108,
37.4767

251.9967,
279.3822, 350.6004

■ 13.5178, 16.3088,
25.2781

■ 45.2094, 52.1610,
72.4998

■ 7.8655, 9.7429,
16.0635

■ 61.9027, 70.7779,
96.1615

■ 4.0601, 5.2288,
9.4142

■ 82.2697, 93.3686,
124.4812

■ 1.7362, 2.3821,
4.9119

■ 106.6757,
120.3175, 157.8776

■ 0.4788, 0.8167,
2.1378

135.4860,
152.0088, 196.7692

■ 0.0000, 0.0000,
0.6381

169.0661,

■ 0.0000, 0.0000,

188.8272, 241.5745

0.0000

207.7812,
231.1568, 292.7121

■ 21.3823, 25.3108,
37.4767

■ 21.3823, 25.3108,
37.4767

■ 19.2639, 23.3360,
37.2076

■ 23.8703, 27.5087,
37.7702

■ 17.4913, 21.5698,
36.9601

■ 26.7453, 29.9372,
38.0875

■ 16.0412, 20.0007,
36.7337

■ 30.0263, 32.6070,
38.4299

■ 14.8867, 18.6144,
36.5270

■ 33.7304, 35.5272,
38.7983

■ 13.9959, 17.3941,
36.3384

■ 37.8738, 38.7063,
39.1935

■ 13.3159, 16.3388,
36.1705

■ 42.4715, 42.1526,
39.6164

■ 47.5380, 45.8738,
40.0676

■ 53.0872, 49.8772,
40.5479

■ 59.1323, 54.1700,
41.0579

Harmonies

Analogous

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



20.3056, 25.3108, 31.4748



21.3823, 25.3108, 37.4767



23.2164, 25.3108, 41.0022

Triad

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



21.3823, 25.3108, 37.4767



28.3808, 25.3108, 30.0680



22.7735, 25.3108, 17.6909

Complementary

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



21.3823, 25.3108, 37.4767



22.6039, 20.0104, 13.7381

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.



24.9179, 25.3108, 17.4316



21.3823, 25.3108, 37.4767



28.2445, 25.3108, 23.9825

Square

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



21.3823, 25.3108, 37.4767



27.3083, 25.3108, 36.3143



26.9463, 25.3108, 19.5666



21.0749, 25.3108, 20.3381

Rectangle

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



21.3823, 25.3108, 37.4767



24.6608, 25.3108, 41.1683



26.9463, 25.3108, 19.5666



23.4634, 25.3108, 17.3380

Sweetspot

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



21.3831, 25.3118, 37.4773



52.6281, 57.4757, 68.7067



20.4478, 29.1284, 19.6325



11.3833, 12.4771, 15.0520



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.



21.3831, 25.3118, 37.4773



35.0176, 42.2883, 66.7034



17.2000, 16.9455, 36.0829



7.1278, 7.7145, 9.0164



10.6680, 13.1153, 28.8990



0.2578, 0.3428, 0.6184

Inverse Universe

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



23.9923, 17.9879, 28.9966



40.4562, 27.9274, 48.8235



26.7327, 28.2679, 15.1143



7.2895, 7.1722, 8.5107



14.5302, 7.1681, 15.2483



0.3223, 0.1574, 0.4098

Previews

White Background



This preview shows how the XYZ color 21.3823, 25.3108, 37.4767 looks on a white background.

Color Contrast Check

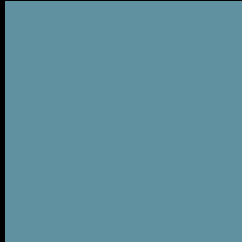
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3823, 25.3108, 37.4767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

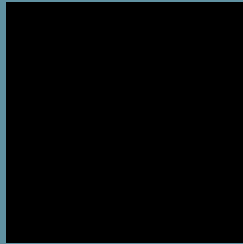
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.3823, 25.3108, 37.4767

Background



This preview shows how black text looks on a background with the XYZ color 21.3823, 25.3108, 37.4767.



This preview shows how white text looks on a background with the XYZ color 21.3823, 25.3108,

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

21.3823, 25.3108, 37.4767

Protanopia

24.5521, 25.0432, 34.5501

Deuteranopia

25.6172, 25.0978, 38.1445



Tritanopia

21.0840, 25.4250, 35.6946

Trichromacy



Original Color

21.3823, 25.3108, 37.4767

Protanomaly

23.0642, 24.8926, 35.4874

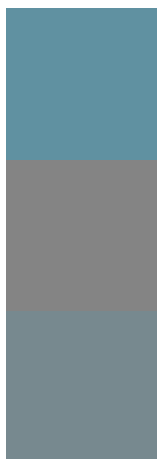
Deuteranomaly

23.7784, 24.9965, 37.7540

Tritanomaly

21.1698, 25.4593, 36.1461

Monochromacy



Original Color

21.3823, 25.3108, 37.4767

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.5113, 23.7964, 29.4460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3823, 25.3108, 37.4767 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(96, 145, 161)` looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 145, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 145, 161) }
```

Border

The CSS property to change the border of an element to XYZ 21.3823, 25.3108, 37.4767 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(96, 145, 161) }
```


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

```
.border{ border-color:rgb(96, 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(96, 145, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 145, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 145, 161);  
box-shadow:4px 4px 4px 4px rgb(96, 145,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3823, 25.3108, 37.4767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 145, 161) }
```

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

```
.background{ background-color: rgb(96, 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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