

Converting Colors

XYZ(21.3540, 26.4141, 39.5703)

Have a look what the booklet for
XYZ(21.3540, 26.4141, 39.5703)
contains.

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Color

**XYZ(21.3540, 26.4141,
39.5703)**

Conversions

Conversions Part 1

Format	Color
Hex	5496A5
RGB	84, 150, 165
RGB Percent	33%, 59%, 65%
CMY	0.6706, 0.4118, 0.3529
CMYK	0.49, 0.09, 0.00, 0.35
HSL	191°, 33%, 49%
HSV	191°, 49%, 65%
XYZ	21.3540, 26.4141, 39.5703
YIQ	131.9760, -44.1510, -9.3270

Conversions

Conversions Part 2

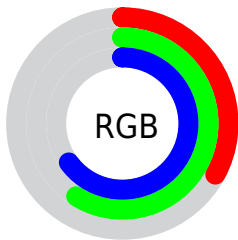
Format	Color
R_{YB}	84, 120, 165
Decimal	5543589
CIE _{Lab}	58.43, -16.85, -14.40
CIE _{LCh}	58, 22.165, 220.518
Yxy	26.4141, 0.2445, 0.3024
Android (android.graphics.Color)	4283733669 (0xFF5496A5)
YUV	131.9760, 16.2808, -42.0750
Hunter-Lab	51.3946, -15.7755, -9.6729

Details

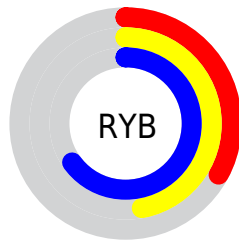
The XYZ color **21.3540, 26.4141, 39.5703** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5796, 17.5636, 10.6409**, and the grayscale version is **21.8787, 23.0181, 25.0667**.

A 20% lighter version of the original color is **45.1586, 53.8420, 75.7226**, and **7.8434, 10.3226, 17.2019** is the 20% darker color. If you saturate the color by 10%, you get **19.5665, 24.7788, 39.3493**, and if you desaturate by 10%, it is **23.5037, 28.2562, 39.8130**.

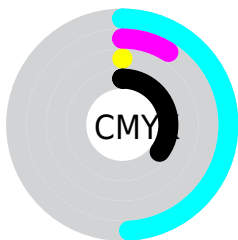
Distribution



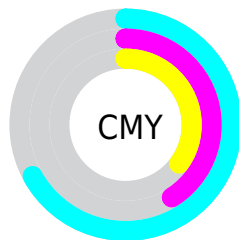
- Red (33%)
- Green (59%)
- Blue (65%)



- Red (33%)
- Yellow (47%)
- Blue (65%)



- Cyan (49%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)



- Cyan (67%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3540, 26.4141, 39.5703 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 21.3540, 26.4141, 39.5703 by changing the saturation by 10% instead.

■ 21.3540, 26.4141,
39.5703

■ 21.3540, 26.4141,
39.5703

251.8501,
284.8090, 359.8072

■ 13.4969, 17.1337,
26.8924

■ 45.1628, 53.9422,
75.7387

■ 7.8510, 10.3299,
17.2607

■ 61.8453, 72.9588,
100.0662

■ 4.0507, 5.6182,
10.2566

■ 82.2002, 95.9894,
129.1141

■ 1.7309, 2.6143,
5.4616

■ 106.5930,
123.4187, 163.3009

■ 0.4755, 0.9339,
2.4571

135.3891,
155.6308, 203.0450

■ 0.0000, 0.0000,
0.8173

168.9537,

■ 0.0000, 0.0000,

193.0104, 248.7651

0.0000

207.6523,
235.9416, 300.8796

■ 21.3540, 26.4141,
39.5703

■ 21.3540, 26.4141,
39.5703

■ 19.5665, 24.7788,
39.3493

■ 23.5037, 28.2562,
39.8130

■ 18.1139, 23.3343,
39.1471

■ 26.0357, 30.3138,
40.0767

■ 16.9688, 22.0669,
38.9628

■ 28.9713, 32.5986,
40.3630

■ 16.0982, 20.9595,
38.7949

■ 32.3298, 35.1207,
40.6728

■ 15.4362, 19.9778,
38.6404

■ 36.1289, 37.8893,
41.0070

■ 15.3787, 19.8908,
38.6266

■ 40.3855, 40.9134,
41.3664

■ 45.1155, 44.2012,
41.7517

■ 50.3340, 47.7607,
42.1637

■ 56.0555, 51.5994,
42.6031

Harmonies

Analogous

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



20.3291, 26.4141, 31.5677



21.3540, 26.4141, 39.5703



23.4100, 26.4141, 45.2227

Triad

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



21.3540, 26.4141, 39.5703



30.3382, 26.4141, 34.0227



24.1678, 26.4141, 16.4551

Complementary

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



21.3540, 26.4141, 39.5703



21.5796, 17.5636, 10.6409

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.



26.8816, 26.4141, 16.8741



21.3540, 26.4141, 39.5703



30.5776, 26.4141, 26.1247

Square

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



21.3540, 26.4141, 39.5703



28.6407, 26.4141, 41.6428



29.2732, 26.4141, 20.1238



21.8744, 26.4141, 18.8535

Rectangle

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



21.3540, 26.4141, 39.5703



25.1529, 26.4141, 46.3855



29.2732, 26.4141, 20.1238



25.0588, 26.4141, 16.2835

Sweetspot

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



21.3548, 26.4151, 39.5709



54.0881, 60.0528, 72.4929



19.3569, 29.6937, 16.4788



11.5699, 12.9360, 15.8246



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.3548, 26.4151, 39.5709



34.7577, 44.1050, 70.4335



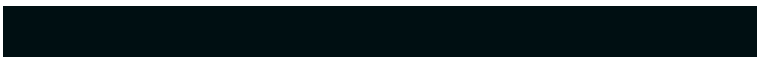
15.9866, 15.6787, 37.7815



7.1641, 7.7872, 9.0286



11.6677, 15.1148, 29.2323



0.2724, 0.3721, 0.6233

Inverse Universe

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



24.1931, 16.5427, 30.7732



40.6469, 25.0292, 51.8627



26.4013, 27.2069, 12.2481



7.3078, 7.1796, 8.6073



15.0348, 7.3700, 17.9056



0.3297, 0.1604, 0.4487

Previews

White Background



This preview shows how the XYZ color 21.3540, 26.4141, 39.5703 looks on a white background.

Color Contrast Check

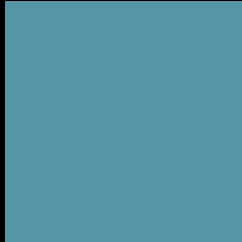
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3540, 26.4141, 39.5703 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 21.3540, 26.4141, 39.5703

Background



This preview shows how black text looks on a background with the XYZ color 21.3540, 26.4141, 39.5703.

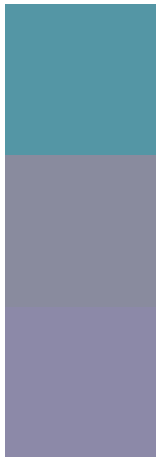


This preview shows how white text looks on a background with the XYZ color 21.3540, 26.4141,

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

21.3540, 26.4141, 39.5703

Protanopia

25.7207, 26.2522, 36.0593

Deuteranopia

26.8288, 26.2939, 40.7070



Tritanopia

21.0845, 26.2960, 38.6147

Trichromacy



Original Color

21.3540, 26.4141, 39.5703

Protanomaly

23.7267, 26.0697, 37.4996

Deuteranomaly

24.3938, 26.1291, 40.3169

Tritanomaly

21.1745, 26.3320, 39.0885

Monochromacy



Original Color

21.3540, 26.4141, 39.5703

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.3369, 24.1237, 29.9173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3540, 26.4141, 39.5703 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(84, 150, 165)` looks like.

```
.text, #text, p{  
    color:rgb(84, 150, 165)  
}
```

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(84, 150, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 150, 165) }
```

Border

The CSS property to change the border of an element to XYZ 21.3540, 26.4141, 39.5703 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(84, 150, 165) }
```


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

```
.border{ border-color:rgb(84, 150, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 150, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 150, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 150, 165);  
box-shadow:4px 4px 4px 4px rgb(84, 150,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3540, 26.4141, 39.5703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 150, 165) }
```

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

```
.background{ background-color: rgb(84, 150,  
165) }
```

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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