

Converting Colors

XYZ(21.4454, 26.4507, 40.0516)

Have a look what the booklet for
XYZ(21.4454, 26.4507, 40.0516)
contains.

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Color

**XYZ(21.4454, 26.4507,
40.0516)**

Conversions

Conversions Part 1

Format	Color
Hex	5496A6
RGB	84, 150, 166
RGB Percent	33%, 59%, 65%
CMY	0.6706, 0.4118, 0.3490
CMYK	0.49, 0.10, 0.00, 0.35
HSL	192°, 33%, 49%
HSV	192°, 49%, 65%
XYZ	21.4454, 26.4507, 40.0516
YIQ	132.0900, -44.4720, -9.0160

Conversions

Conversions Part 2

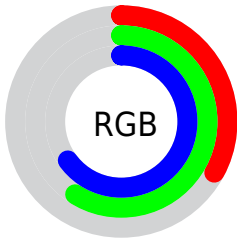
Format	Color
R_{YB}	84, 121, 166
Decimal	5543590
CIE _{Lab}	58.46, -16.57, -14.92
CIE _{LCh}	58, 22.292, 222.005
Yxy	26.4507, 0.2438, 0.3008
Android (android.graphics.Color)	4283733670 (0xFF5496A6)
YUV	132.0900, 16.7176, -42.1749
Hunter-Lab	51.4302, -15.5719, -10.1713

Details

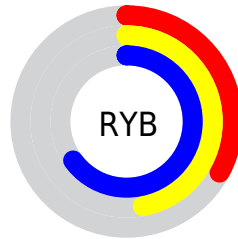
The XYZ color **21.4454, 26.4507, 40.0516** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.8838, 17.8618, 10.6824**, and the grayscale version is **21.9184, 23.0598, 25.1121**.

A 20% lighter version of the original color is **45.2915, 53.8952, 76.4223**, and **7.8758, 10.3328, 17.4989** is the 20% darker color. If you saturate the color by 10%, you get **19.6225, 24.7549, 39.8208**, and if you desaturate by 10%, it is **23.6363, 28.3586, 40.3049**.

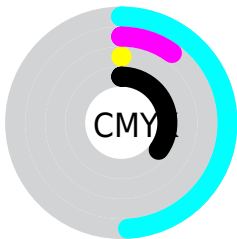
Distribution



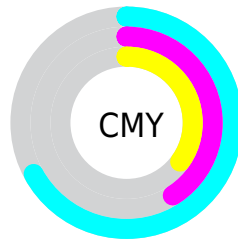
- Red (33%)
- Green (59%)
- Blue (65%)



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



- Cyan (49%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4454, 26.4507, 40.0516 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 21.4454, 26.4507, 40.0516 by changing the saturation by 10% instead.

■ 21.4454, 26.4507,
40.0516

■ 21.4454, 26.4507,
40.0516

252.3233,
284.9876, 361.8996

■ 13.5643, 17.1611,
27.2647

■ 45.3133, 54.0011,
76.4800

■ 7.8979, 10.3494,
17.5379

■ 62.0309, 73.0308,
100.9586

■ 4.0809, 5.6313,
10.4528

■ 82.4246, 96.0759,
130.1715

■ 1.7480, 2.6222,
5.5907

■ 106.8598,
123.5209, 164.5373

■ 0.4861, 0.9378,
2.5331

135.7020,
155.7502, 204.4744

■ 0.0000, 0.0000,
0.8576

169.3164,

■ 0.0000, 0.0000,

193.1481, 250.4015

0.0000

208.0684,
236.0991, 302.7370

■ 21.4454, 26.4507,
40.0516

■ 21.4454, 26.4507,
40.0516

■ 19.6225, 24.7549,
39.8208

■ 23.6363, 28.3586,
40.3049

■ 18.1398, 23.2549,
39.6094

■ 26.2157, 30.4876,
40.5799

■ 16.9694, 21.9367,
39.4167

■ 29.2054, 32.8497,
40.8782

■ 16.0775, 20.7828,
39.2410

■ 32.6248, 35.4550,
41.2009

■ 15.3943, 19.7570,
39.0790

■ 36.4921, 38.3131,
41.5487

■ 15.3547, 19.6966,
39.0694

■ 40.8245, 41.4329,
41.9225

■ 45.6381, 44.8230,
42.3232

■ 50.9483, 48.4914,
42.7514

■ 56.7699, 52.4460,
43.2079

Harmonies

Analogous

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



20.3569, 26.4507, 32.0347



21.4454, 26.4507, 40.0516



23.5567, 26.4507, 45.5550

Triad

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



21.4454, 26.4507, 40.0516



30.4591, 26.4507, 33.6883



24.0667, 26.4507, 16.4771

Complementary

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



21.4454, 26.4507, 40.0516



21.8838, 17.8618, 10.6824

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.



26.7939, 26.4507, 16.7584



21.4454, 26.4507, 40.0516



30.6205, 26.4507, 25.7913

Square

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



21.4454, 26.4507, 40.0516



28.8116, 26.4507, 41.4489



29.2376, 26.4507, 19.8822



21.7955, 26.4507, 19.0286

Rectangle

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



21.4454, 26.4507, 40.0516



25.3243, 26.4507, 46.5460



29.2376, 26.4507, 19.8822



24.9578, 26.4507, 16.2583

Sweetspot

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



21.4462, 26.4517, 40.0522



55.4631, 61.5107, 74.4248



19.5467, 30.0593, 16.5852



12.1368, 13.5542, 16.6287



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



21.4462, 26.4517, 40.0522



35.4046, 44.7252, 72.2421



16.1120, 15.7834, 38.2742



7.6214, 8.2796, 9.6148



11.9394, 15.3390, 30.3069



0.3214, 0.4351, 0.7477

Inverse Universe

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



24.4019, 16.6503, 30.7830



41.5946, 25.6330, 52.5080



26.7096, 27.5136, 12.2910



7.7782, 7.6412, 9.1493



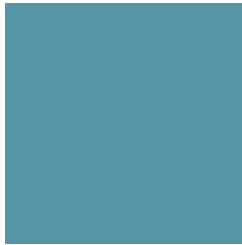
15.5271, 7.6195, 18.1189



0.3934, 0.1916, 0.5231

Previews

White Background



This preview shows how the XYZ color 21.4454, 26.4507, 40.0516 looks on a white background.

Color Contrast Check

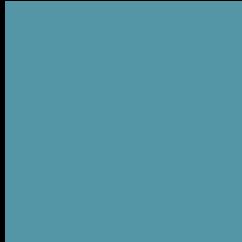
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4454, 26.4507, 40.0516 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 21.4454, 26.4507, 40.0516

Background



This preview shows how black text looks on a background with the XYZ color 21.4454, 26.4507, 40.0516.



This preview shows how white text looks on a background with the XYZ color 21.4454, 26.4507,

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

21.4454, 26.4507, 40.0516

Protanopia

25.8072, 26.2868, 36.5146

Deuteranopia

26.7546, 26.2449, 41.1918



Tritanopia

21.2447, 26.6166, 38.6681

Trichromacy



Original Color

21.4454, 26.4507, 40.0516

Protanomaly

23.8153, 26.1051, 37.9660

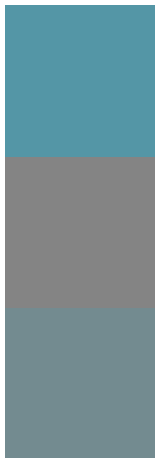
Deuteranomaly

24.3486, 26.0951, 40.7993

Tritanomaly

21.3347, 26.6526, 39.1420

Monochromacy



Original Color

21.4454, 26.4507, 40.0516

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 21.4454, 26.4507, 40.0516 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, 166)` looks like.

```
.text, #text, p{  
  color:rgb(84, 150, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 150, 166) }
```

Border

The CSS property to change the border of an element to XYZ 21.4454, 26.4507, 40.0516 is called "border". The border property can be set on classes, ids or directly on the HTML element.

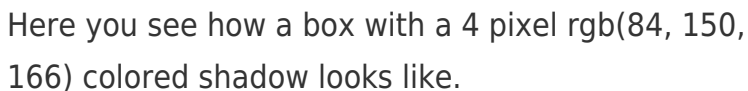
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(84, 150, 166) }
```


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

```
.border{ border-color:rgb(84, 150, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(84, 150, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(84, 150, 166); box-shadow:4px 4px 4px 4px rgb(84, 150, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4454, 26.4507, 40.0516 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, 166) }
```

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

```
.background{ background-color: rgb(84, 150,  
166) }
```

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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