

Converting Colors

XYZ(21.8338, 26.4694, 42.7195)

Have a look what the booklet for
XYZ(21.8338, 26.4694, 42.7195)
contains.

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Color

**XYZ(21.7543, 26.3200,
42.4618)**

Conversions

Conversions Part 1

Format	Color
Hex	5495AB
RGB	84, 149, 171
RGB Percent	33%, 58%, 67%
CMY	0.6706, 0.4157, 0.3294
CMYK	0.51, 0.13, 0.00, 0.33
HSL	195°, 34%, 50%
HSV	195°, 51%, 67%
XYZ	21.7543, 26.3200, 42.4618
YIQ	132.0730, -45.8020, -6.9380

Conversions

Conversions Part 2

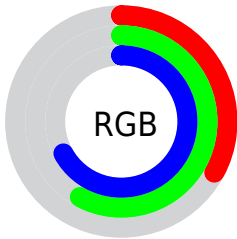
Format	Color
R_{YB}	84, 121, 171
Decimal	5543339
CIE _{Lab}	58.34, -14.58, -17.95
CIE _{LCh}	58, 23.125, 230.910
Yxy	26.3200, 0.2403, 0.2907
Android (android.graphics.Color)	4283733419 (0xFF5495AB)
YUV	132.0730, 19.1910, -42.1600
Hunter-Lab	51.3030, -14.0900, -13.1602

Details

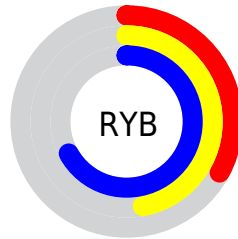
The XYZ color **21.7543, 26.3200, 42.4618** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.5495, 19.6068, 10.9316**, and the grayscale version is **21.9040, 23.0447, 25.0957**.

A 20% lighter version of the original color is **45.7309, 53.6918, 79.9048**, and **8.0508, 10.2494, 19.0068** is the 20% darker color. If you saturate the color by 10%, you get **19.7353, 24.2829, 42.1755**, and if you desaturate by 10%, it is **24.1740, 28.6025, 42.7753**.

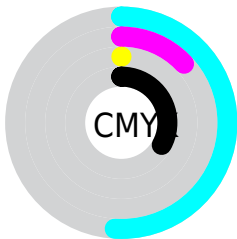
Distribution



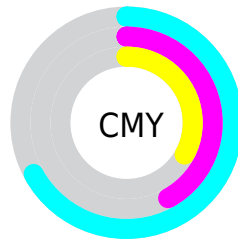
- Red (33%)
- Green (58%)
- Blue (67%)



- Red (33%)
- Yellow (47%)
- Blue (67%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7543, 26.3200, 42.4618 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 21.7543, 26.3200, 42.4618 by changing the saturation by 10% instead.

■ 21.7543, 26.3200,
42.4618

■ 21.7543, 26.3200,
42.4618

253.9170,
284.3494, 372.2497

■ 13.7921, 17.0632,
29.1348

■ 45.8215, 53.7907,
80.1757

■ 8.0569, 10.2796,
18.9364

■ 62.6571, 72.7734,
105.3996

■ 4.1835, 5.5847,
11.4480

■ 83.1812, 95.7669,
135.4263

■ 1.8065, 2.5942,
6.2510

■ 107.7592,
123.1555, 170.6743

■ 0.5216, 0.9238,
2.9271

136.7565,
155.3237, 211.5621

■ 0.0000, 0.0000,
1.0575

170.5383,

■ 0.0000, 0.0000,

192.6558, 258.5082

0.0000

209.4700,
235.5362, 311.9312

■ 21.7543, 26.3200,
42.4618

■ 21.7543, 26.3200,
42.4618

■ 19.7353, 24.2829,
42.1755

■ 24.1740, 28.6025,
42.7753

■ 18.0865, 22.4734,
41.9131

■ 27.0171, 31.1408,
43.1154

■ 16.7770, 20.8757,
41.6738

■ 30.3073, 33.9482,
43.4839

■ 15.7693, 19.4700,
41.4555

■ 34.0661, 37.0359,
43.8818

■ 15.0388, 18.3163,
41.2714

■ 38.3131, 40.4147,
44.3101

■ 43.0673, 44.0945,
44.7698

■ 48.3462, 48.0848,
45.2618

■ 54.1666, 52.3947,
45.7869

■ 60.5446, 57.0327,
46.3460

Harmonies

Analogous

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



20.2903, 26.3200, 34.5581



21.7543, 26.3200, 42.4618



24.1704, 26.3200, 46.8653

Triad

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



21.7543, 26.3200, 42.4618



30.7546, 26.3200, 31.1792



23.1327, 26.3200, 16.4730

Complementary

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



21.7543, 26.3200, 42.4618



23.5495, 19.6068, 10.9316

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.



25.8819, 26.3200, 15.9081



21.7543, 26.3200, 42.4618



30.4246, 26.3200, 23.4709

Square

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



21.7543, 26.3200, 42.4618



29.4600, 26.3200, 39.5935



28.5893, 26.3200, 18.2260



21.0437, 26.3200, 19.9478

Rectangle

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



21.7543, 26.3200, 42.4618



26.0555, 26.3200, 46.7467



28.5893, 26.3200, 18.2260



24.0052, 26.3200, 15.9659

Sweetspot

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



21.7551, 26.3210, 42.4624



57.9490, 63.8379, 78.2696



20.8083, 32.0467, 18.6574



12.6172, 13.9847, 17.4220



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



21.7551, 26.3210, 42.4624



34.9550, 43.0778, 75.4744



16.1359, 15.0826, 40.5894



8.0623, 8.7239, 10.2117



11.3805, 13.8948, 31.1267



0.3569, 0.4671, 0.8793

Inverse Universe

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



25.3905, 17.1693, 30.4106



42.4851, 25.8600, 50.1204



29.1825, 30.8728, 12.8093



8.2492, 8.1129, 9.6233



15.6080, 7.7057, 16.1129



0.4545, 0.2225, 0.5553

Previews

White Background



This preview shows how the XYZ color 21.7543, 26.3200, 42.4618 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 21.7543, 26.3200, 42.4618 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 21.7543, 26.3200, 42.4618

Background



This preview shows how black text looks on a background with the XYZ color 21.7543, 26.3200, 42.4618.



This preview shows how white text looks on a background with the XYZ color 21.7543, 26.3200,

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

21.7543, 26.3200, 42.4618

Protanopia

25.7810, 26.0082, 38.7832

Deuteranopia

26.7390, 26.1816, 43.6886



Tritanopia

20.9105, 26.2064, 38.6066

Trichromacy



Original Color

21.7543, 26.3200, 42.4618

Protanomaly

23.8505, 25.8490, 40.2915

Deuteranomaly

24.4038, 25.8488, 43.2383

Tritanomaly

21.2690, 26.3597, 40.0433

Monochromacy



Original Color

21.7543, 26.3200, 42.4618

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.3470, 23.8971, 30.6816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7543, 26.3200, 42.4618 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, 149, 171)` looks like.

```
.text, #text, p{  
    color:rgb(84, 149, 171)  
}
```

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, 149, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 149, 171) }
```

Border

The CSS property to change the border of an element to XYZ 21.7543, 26.3200, 42.4618 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, 149, 171) }
```


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

```
.border{ border-color:rgb(84, 149, 171) }
```

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

Here you see how a box with a 4 pixel rgb(84, 149, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 149, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 149, 171);  
box-shadow:4px 4px 4px 4px rgb(84, 149,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7543, 26.3200, 42.4618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 149, 171) }
```

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

```
.background{ background-color: rgb(84, 149,  
171) }
```

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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