

Converting Colors

XYZ(21.4861, 25.7510, 34.2041)

Have a look what the booklet for
XYZ(21.4861, 25.7510, 34.2041)
contains.

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Color

**XYZ(21.4784, 25.6576,
34.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	65929A
RGB	101, 146, 154
RGB Percent	40%, 57%, 60%
CMY	0.6039, 0.4274, 0.3961
CMYK	0.34, 0.05, 0.00, 0.40
HSL	189°, 21%, 50%
HSV	189°, 34%, 60%
XYZ	21.4784, 25.6576, 34.3922
YIQ	133.4570, -29.3880, -7.0520

Conversions

Conversions Part 2

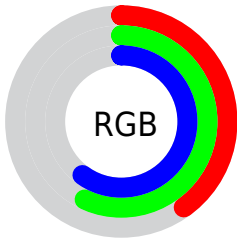
Format	Color
R_{YB}	101, 125, 154
Decimal	6656666
CIE _{Lab}	57.71, -13.17, -9.12
CIE _{LCh}	58, 16.018, 214.701
Yxy	25.6576, 0.2634, 0.3147
Android (android.graphics.Color)	4284846746 (0xFF65929A)
YUV	133.4570, 10.1277, -28.4648
Hunter-Lab	50.6533, -12.9544, -4.7989

Details

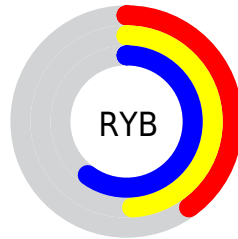
The XYZ color **21.4784, 25.6576, 34.3922** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.1442, 18.7469, 14.8164**, and the grayscale version is **22.4334, 23.6017, 25.7023**.

A 20% lighter version of the original color is **45.3659, 52.7326, 67.4619**, and **7.8558, 9.8418, 14.3176** is the 20% darker color. If you saturate the color by 10%, you get **19.5587, 24.1421, 34.2013**, and if you desaturate by 10%, it is **23.7301, 27.3563, 34.6018**.

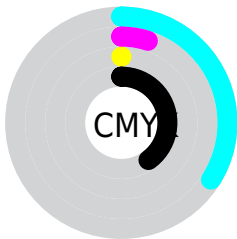
Distribution



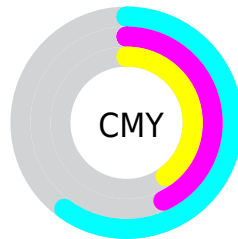
- Red (40%)
- Green (57%)
- Blue (60%)



- Red (40%)
- Yellow (49%)
- Blue (60%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (60%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4784, 25.6576, 34.3922 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 21.4784, 25.6576, 34.3922 by changing the saturation by 10% instead.

■ 21.4784, 25.6576,
34.3922

■ 21.4784, 25.6576,
34.3922

252.4940,
281.0972, 336.6997

■ 13.5886, 16.5677,
22.9153

■ 45.3677, 52.7221,
67.6840

■ 7.9149, 9.9267,
14.3262

■ 62.0979, 71.4654,
90.3359

■ 4.0919, 5.3504,
8.2066

■ 82.5056, 94.1952,
117.5498

■ 1.7542, 2.4543,
4.1378

■ 106.9561,
121.2961, 149.7444

■ 0.4899, 0.8536,
1.7012

135.8149,
153.1523, 187.3382

■ 0.0000, 0.0000,
0.3616

169.4472,

■ 0.0000, 0.0000,

190.1483, 230.7496

0.0000

208.2185,
232.6685, 280.3973

■ 21.4784, 25.6576,
34.3922

■ 21.4784, 25.6576,
34.3922

■ 19.5587, 24.1421,
34.2013

■ 23.7301, 27.3563,
34.6018

■ 17.9505, 22.7974,
34.0265

■ 26.3281, 29.2437,
34.8292

■ 16.6346, 21.6140,
33.8674

■ 29.2888, 31.3291,
35.0757

■ 15.5889, 20.5805,
33.7231

■ 32.6268, 33.6200,
35.3419

■ 14.7877, 19.6836,
33.5922

■ 36.3560, 36.1236,
35.6286

■ 14.1998, 18.9072,
33.4733

■ 40.4894, 38.8467,
35.9364

■ 13.9171, 18.5017,
33.4099

■ 45.0395, 41.7958,
36.2658

■ 50.0182, 44.9771,
36.6175

■ 55.4370, 48.3966,
36.9919

Harmonies

Analogous

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



20.8924, 25.6576, 28.8115



21.4784, 25.6576, 34.3922



22.8443, 25.6576, 38.6165

Triad

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



21.4784, 25.6576, 34.3922



27.8757, 25.6576, 32.6983



24.0857, 25.6576, 18.6761

Complementary

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



21.4784, 25.6576, 34.3922



21.1442, 18.7469, 14.8164

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.



25.9972, 25.6576, 19.4335



21.4784, 25.6576, 34.3922



28.2505, 25.6576, 27.0799

Square

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



21.4784, 25.6576, 34.3922



26.5474, 25.6576, 37.5521



27.5465, 25.6576, 22.3443



22.3467, 25.6576, 20.1212

Rectangle

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



21.4784, 25.6576, 34.3922



24.0477, 25.6576, 39.8301



27.5465, 25.6576, 22.3443



24.7290, 25.6576, 18.6835

Sweetspot

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



21.4792, 25.6586, 34.3928



50.0112, 54.6748, 63.4537



19.6805, 26.9814, 18.6250



11.1633, 12.2647, 14.3493



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.4792, 25.6586, 34.3928



36.3782, 44.5391, 62.2159



17.8625, 18.4252, 33.1872



6.3052, 6.8677, 7.9222



11.3591, 15.1148, 27.2265



0.1887, 0.2638, 0.4133

Inverse Universe

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



23.1690, 18.2532, 29.4974



39.9720, 29.3128, 51.6873



24.4027, 25.2639, 15.9026



6.4211, 6.3076, 7.5979



14.1923, 6.9312, 18.0695



0.2217, 0.1074, 0.3204

Previews

White Background



This preview shows how the XYZ color 21.4784, 25.6576, 34.3922 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 21.4784, 25.6576, 34.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

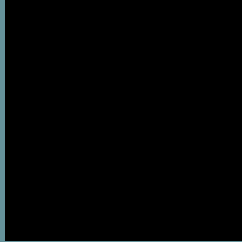
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.4784, 25.6576, 34.3922

Background



This preview shows how black text looks on a background with the XYZ color 21.4784, 25.6576, 34.3922.

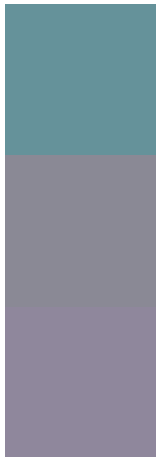


This preview shows how white text looks on a background with the XYZ color 21.4784, 25.6576,

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

21.4784, 25.6576, 34.3922

Protanopia

24.8517, 25.4645, 32.0391

Deuteranopia

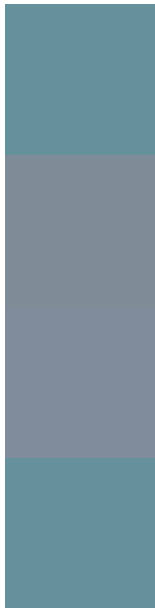
25.9924, 25.5679, 35.0176



Tritanopia

21.6907, 25.5099, 35.6790

Trichromacy



Original Color

21.4784, 25.6576, 34.3922

Protanomaly

23.4214, 25.3505, 32.9369

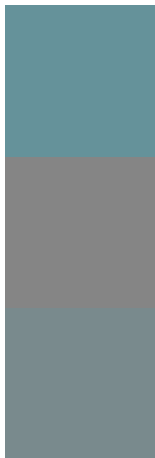
Deuteranomaly

24.0511, 25.4210, 34.6495

Tritanomaly

21.6056, 25.4759, 35.2311

Monochromacy



Original Color

21.4784, 25.6576, 34.3922

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.7814, 24.1650, 28.7156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4784, 25.6576, 34.3922 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(101, 146, 154)` looks like.

```
.text, #text, p{  
    color:rgb(101, 146, 154)  
}
```

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(101, 146, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 146, 154) }
```

Border

The CSS property to change the border of an element to XYZ 21.4784, 25.6576, 34.3922 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(101, 146, 154) }
```


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

```
.border{ border-color:rgb(101, 146, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 146, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 146, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 146, 154);  
box-shadow:4px 4px 4px 4px rgb(101, 146,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4784, 25.6576, 34.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 146, 154) }
```

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

```
.background{ background-color: rgb(101,  
146, 154) }
```

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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