

Converting Colors

XYZ(21.7564, 25.8086, 35.7332)

Have a look what the booklet for
XYZ(21.7564, 25.8086, 35.7332)
contains.

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Color

**XYZ(21.7315, 25.7588,
35.7249)**

Conversions

Conversions Part 1

Format	Color
Hex	65929D
RGB	101, 146, 157
RGB Percent	40%, 57%, 62%
CMY	0.6039, 0.4274, 0.3843
CMYK	0.36, 0.07, 0.00, 0.38
HSL	192°, 22%, 51%
HSV	192°, 36%, 62%
XYZ	21.7315, 25.7588, 35.7249
YIQ	133.7990, -30.3510, -6.1190

Conversions

Conversions Part 2

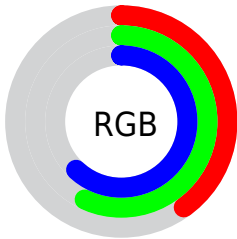
Format	Color
R_{YB}	101, 126, 157
Decimal	6656669
CIE _{Lab}	57.81, -12.39, -10.69
CIE _{LCh}	58, 16.367, 220.775
Yxy	25.7588, 0.2611, 0.3095
Android (android.graphics.Color)	4284846749 (0xFF65929D)
YUV	133.7990, 11.4381, -28.7647
Hunter-Lab	50.7531, -12.3878, -6.2068

Details

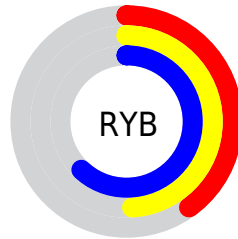
The XYZ color **21.7315, 25.7588, 35.7249** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.0481, 19.6963, 14.9522**, and the grayscale version is **22.5542, 23.7288, 25.8406**.

A 20% lighter version of the original color is **45.8644, 52.9320, 70.0870**, and **8.0091, 9.9031, 15.1250** is the 20% darker color. If you saturate the color by 10%, you get **19.6700, 24.0005, 35.4946**, and if you desaturate by 10%, it is **24.1432, 27.7179, 35.9764**.

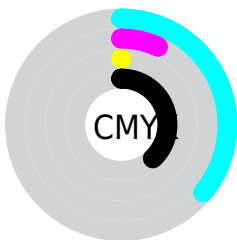
Distribution



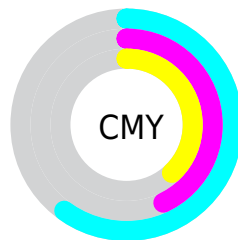
- Red (40%)
- Green (57%)
- Blue (62%)



- Red (40%)
- Yellow (49%)
- Blue (62%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (38%)



- Cyan (60%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7315, 25.7588, 35.7249 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 21.7315, 25.7588, 35.7249 by changing the saturation by 10% instead.

■ 21.7315, 25.7588,
35.7249

■ 21.7315, 25.7588,
35.7249

253.7997,
281.5960, 342.7575

■ 13.7752, 16.6433,
23.9338

■ 45.7840, 52.8856,
69.7715

■ 8.0452, 9.9805,
15.0728

■ 62.6109, 71.6656,
92.8641

■ 4.1759, 5.3860,
8.7233

■ 83.1255, 94.4360,
120.5609

■ 1.8021, 2.4755,
4.4668

■ 107.6930,
121.5810, 153.2805

■ 0.5190, 0.8643,
1.8848

136.6788,
153.4851, 191.4414

■ 0.0000, 0.0000,
0.4830

170.4483,

■ 0.0000, 0.0000,

190.5328, 235.4622

0.0000

209.3668,
233.1083, 285.7614

■ 21.7315, 25.7588,
35.7249

■ 21.7315, 25.7588,
35.7249

■ 19.6700, 24.0005,
35.4946

■ 24.1432, 27.7179,
35.9764

■ 17.9372, 22.4299,
35.2828

■ 26.9205, 29.8840,
36.2481

■ 16.5124, 21.0369,
35.0890

■ 30.0807, 32.2669,
36.5415

■ 15.3721, 19.8090,
34.9121

■ 33.6394, 34.8747,
36.8573

■ 14.4886, 18.7321,
34.7508

■ 37.6112, 37.7150,
37.1962

■ 13.8254, 17.7869,
34.6033

■ 42.0098, 40.7952,
37.5589

■ 13.5680, 17.3985,
34.5419

■ 46.8486, 44.1221,
37.9460

■ 52.1402, 47.7025,
38.3582

■ 57.8967, 51.5426,
38.7960

Harmonies

Analogous

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



20.9554, 25.7588, 30.1192



21.7315, 25.7588, 35.7249



23.2597, 25.7588, 39.5565

Triad

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



21.7315, 25.7588, 35.7249



28.2270, 25.7588, 31.7633



23.7833, 25.7588, 18.7026

Complementary

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



21.7315, 25.7588, 35.7249



22.0481, 19.6963, 14.9522

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.



25.7484, 25.7588, 19.0193



21.7315, 25.7588, 35.7249



28.3858, 25.7588, 26.0720

Square

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



21.7315, 25.7588, 35.7249



27.0346, 25.7588, 37.0662



27.4574, 25.7588, 21.5563



22.0971, 25.7588, 20.6241

Rectangle

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



21.7315, 25.7588, 35.7249



24.5341, 25.7588, 40.3190



27.4574, 25.7588, 21.5563



24.4319, 25.7588, 18.5581

Sweetspot

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



21.7323, 25.7598, 35.7255



50.6468, 55.3714, 65.1451



20.3083, 28.0348, 19.4575



10.9926, 12.0692, 14.3206



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.



21.7323, 25.7598, 35.7255



35.8607, 43.5357, 63.6399



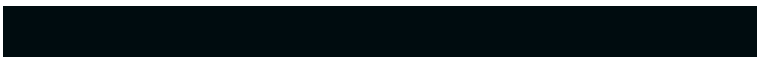
18.0183, 18.3319, 34.4875



6.7111, 7.2880, 8.4597



11.0455, 14.1825, 28.0626



0.2235, 0.3055, 0.5104

Inverse Universe

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



23.7473, 18.5514, 29.5244



40.1248, 28.9709, 50.3628



25.5254, 26.6508, 16.1113



6.8483, 6.7322, 8.0521



14.3735, 7.0539, 16.7495



0.2701, 0.1314, 0.3685

Previews

White Background



This preview shows how the XYZ color 21.7315, 25.7588, 35.7249 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 21.7315, 25.7588, 35.7249 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

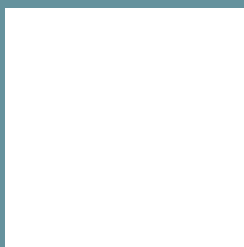
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7315, 25.7588, 35.7249

Background



This preview shows how black text looks on a background with the XYZ color 21.7315, 25.7588, 35.7249.



This preview shows how white text looks on a background with the XYZ color 21.7315, 25.7588,

35.7249.

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

21.7315, 25.7588, 35.7249

Protanopia

24.9297, 25.4767, 33.3093

Deuteranopia

26.0773, 25.5819, 36.3643



Tritanopia

21.8173, 25.7931, 36.1764

Trichromacy



Original Color

21.7315, 25.7588, 35.7249

Protanomaly

23.5230, 25.3743, 34.2298

Deuteranomaly

24.1566, 25.4459, 35.9861

Tritanomaly

21.8173, 25.7931, 36.1764

Monochromacy



Original Color

21.7315, 25.7588, 35.7249

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.9970, 24.2675, 29.1159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7315, 25.7588, 35.7249 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(101, 146, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 146, 157) }
```

Border

The CSS property to change the border of an element to XYZ 21.7315, 25.7588, 35.7249 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, 157) }
```


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

```
.border{ border-color:rgb(101, 146, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 146, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 146, 157); box-shadow:4px 4px 4px 4px rgb(101, 146, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7315, 25.7588, 35.7249 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, 157) }
```

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

```
.background{ background-color: rgb(101,  
146, 157) }
```

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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