

Converting Colors

XYZ(21.3659, 25.5085, 35.5362)

Have a look what the booklet for
XYZ(21.3659, 25.5085, 35.5362)
contains.

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Color

**XYZ(21.4017, 25.5888,
35.7094)**

Conversions

Conversions Part 1

Format	Color
Hex	62929D
RGB	98, 146, 157
RGB Percent	38%, 57%, 62%
CMY	0.6157, 0.4274, 0.3843
CMYK	0.38, 0.07, 0.00, 0.38
HSL	191°, 23%, 50%
HSV	191°, 38%, 62%
XYZ	21.4017, 25.5888, 35.7094
YIQ	132.9020, -32.1390, -6.7550

Conversions

Conversions Part 2

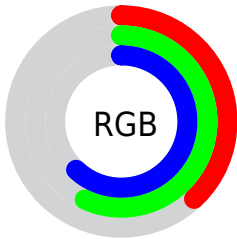
Format	Color
R_{YB}	98, 124, 157
Decimal	6460061
CIE _{Lab}	57.64, -13.25, -10.95
CIE _{LCh}	58, 17.187, 219.576
Yxy	25.5888, 0.2588, 0.3094
Android (android.graphics.Color)	4284650141 (0xFF62929D)
YUV	132.9020, 11.8803, -30.6091
Hunter-Lab	50.5854, -13.0045, -6.4444

Details

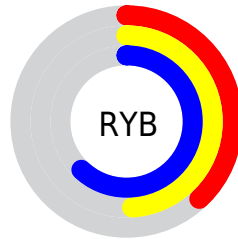
The XYZ color **21.4017, 25.5888, 35.7094** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5782, 18.9875, 14.0836**, and the grayscale version is **22.2259, 23.3833, 25.4645**.

A 20% lighter version of the original color is **45.3004, 52.6413, 70.0606**, and **7.8660, 9.8294, 15.1183** is the 20% darker color. If you saturate the color by 10%, you get **19.4258, 23.9096, 35.4899**, and if you desaturate by 10%, it is **23.7230, 27.4645, 35.9495**.

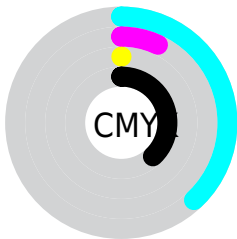
Distribution



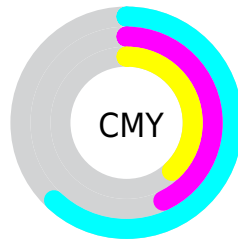
- Red (38%)
- Green (57%)
- Blue (62%)



- Red (38%)
- Yellow (49%)
- Blue (62%)



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



- Cyan (62%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4017, 25.5888, 35.7094 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 21.4017, 25.5888, 35.7094 by changing the saturation by 10% instead.

■ 21.4017, 25.5888,
35.7094

■ 21.4017, 25.5888,
35.7094

252.0972,
280.7576, 342.6875

■ 13.5321, 16.5163,
23.9219

■ 45.2414, 52.6108,
69.7473

■ 7.8755, 9.8902,
15.0641

■ 61.9421, 71.3291,
92.8348

■ 4.0665, 5.3262,
8.7172

■ 82.3173, 94.0315,
120.5260

■ 1.7398, 2.4399,
4.4629

■ 106.7323,
121.1022, 153.2396

■ 0.4810, 0.8463,
1.8826

135.5524,
152.9259, 191.3940

■ 0.0000, 0.0000,
0.4816

169.1431,

■ 0.0000, 0.0000,

189.8867, 235.4077

0.0000

207.8695,
232.3692, 285.6994

■ 21.4017, 25.5888,
35.7094

■ 21.4017, 25.5888,
35.7094

■ 19.4258, 23.9096,
35.4899

■ 23.7230, 27.4645,
35.9495

■ 17.7734, 22.4135,
35.2882

■ 26.4054, 29.5429,
36.2093

■ 16.4236, 21.0903,
35.1039

■ 29.4663, 31.8339,
36.4902

■ 15.3520, 19.9274,
34.9359

■ 32.9215, 34.3457,
36.7929

■ 14.5303, 18.9099,
34.7828

■ 36.7857, 37.0860,
37.1182

■ 13.9105, 18.0129,
34.6424

■ 41.0730, 40.0621,
37.4667

■ 13.7704, 17.8034,
34.6093

■ 45.7965, 43.2811,
37.8390

■ 50.9691, 46.7495,
38.2359

■ 56.6029, 50.4738,
38.6578

Harmonies

Analogous

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



20.6302, 25.5888, 29.7866



21.4017, 25.5888, 35.7094



22.9687, 25.5888, 39.8664

Triad

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



21.4017, 25.5888, 35.7094



28.2146, 25.5888, 31.9995



23.6701, 25.5888, 18.1283

Complementary

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



21.4017, 25.5888, 35.7094



21.5782, 18.9875, 14.0836

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.



25.7262, 25.5888, 18.5472



21.4017, 25.5888, 35.7094



28.4285, 25.5888, 26.0218

Square

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



21.4017, 25.5888, 35.7094



26.9261, 25.5888, 37.5240



27.4952, 25.5888, 21.2575



21.8904, 25.5888, 20.0194

Rectangle

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



21.4017, 25.5888, 35.7094



24.2921, 25.5888, 40.7760



27.4952, 25.5888, 21.2575



24.3507, 25.5888, 18.0105

Sweetspot

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



21.4025, 25.5898, 35.7100



50.6986, 55.4750, 65.1624



19.8450, 27.8113, 18.7391



11.0052, 12.0944, 14.3248



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.



21.4025, 25.5898, 35.7100



35.3531, 43.3103, 63.6232



17.4478, 17.6805, 34.3918



6.7167, 7.2991, 8.4615



11.2090, 14.5095, 28.1171



0.2253, 0.3093, 0.5111

Inverse Universe

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



23.4613, 17.9794, 29.4291



39.6757, 28.0529, 50.2741



25.2437, 26.3185, 15.3054



6.8511, 6.7334, 8.0669



14.4560, 7.0870, 17.1840



0.2711, 0.1317, 0.3735

Previews

White Background



This preview shows how the XYZ color 21.4017, 25.5888, 35.7094 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 21.4017, 25.5888, 35.7094 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

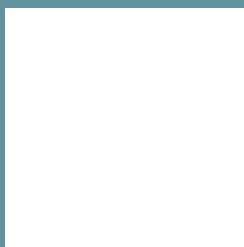
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4017, 25.5888, 35.7094

Background



This preview shows how black text looks on a background with the XYZ color 21.4017, 25.5888, 35.7094.



This preview shows how white text looks on a background with the XYZ color 21.4017, 25.5888,

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

21.4017, 25.5888, 35.7094

Protanopia

24.6849, 25.3599, 32.8721

Deuteranopia

25.9065, 25.4939, 36.3563



Tritanopia

21.4874, 25.6231, 36.1610

Trichromacy



Original Color

21.4017, 25.5888, 35.7094

Protanomaly

23.1539, 25.1936, 33.7795

Deuteranomaly

23.8616, 25.2938, 35.9723

Tritanomaly

21.4874, 25.6231, 36.1610

Monochromacy



Original Color

21.4017, 25.5888, 35.7094

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.7167, 24.1230, 29.1028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4017, 25.5888, 35.7094 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(98, 146, 157) looks like.

```
.text, #text, p{  
    color:rgb(98, 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(98, 146, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 146, 157) }
```

Border

The CSS property to change the border of an element to XYZ 21.4017, 25.5888, 35.7094 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(98, 146, 157) }
```


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

```
.border{ border-color:rgb(98, 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(98, 146, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 146, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 146, 157);  
box-shadow:4px 4px 4px 4px rgb(98, 146,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4017, 25.5888, 35.7094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 146, 157) }
```

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

```
.background{ background-color: rgb(98, 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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