

Converting Colors

XYZ(21.1863, 25.4622, 32.0717)

Have a look what the booklet for
XYZ(21.1863, 25.4622, 32.0717)
contains.

XYZ(21.2972, 25.6113, 32.2548)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.2972, 25.6113,
32.2548)**

Conversions

Conversions Part 1

Format	Color
Hex	679295
RGB	103, 146, 149
RGB Percent	40%, 57%, 58%
CMY	0.5961, 0.4274, 0.4157
CMYK	0.31, 0.02, 0.00, 0.42
HSL	184°, 18%, 49%
HSV	184°, 31%, 58%
XYZ	21.2972, 25.6113, 32.2548
YIQ	133.4850, -26.5910, -8.1830

Conversions

Conversions Part 2

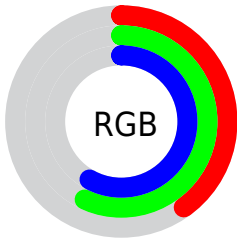
Format	Color
R_{YB}	103, 125, 149
Decimal	6787733
CIE _{Lab}	57.67, -13.84, -6.31
CIE _{LCh}	58, 15.209, 204.526
Yxy	25.6113, 0.2690, 0.3235
Android (android.graphics.Color)	4284977813 (0xFF679295)
YUV	133.4850, 7.6489, -26.7353
Hunter-Lab	50.6076, -13.4452, -2.3632

Details

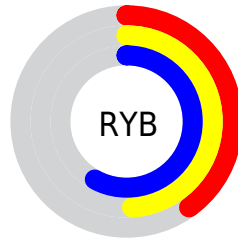
The XYZ color **21.2972, 25.6113, 32.2548** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.9969, 17.6770, 15.1904**, and the grayscale version is **22.4517, 23.6210, 25.7232**.

A 20% lighter version of the original color is **45.1441, 52.6883, 64.2904**, and **7.7650, 9.8231, 13.0421** is the 20% darker color. If you saturate the color by 10%, you get **19.5893, 24.5102, 32.1327**, and if you desaturate by 10%, it is **23.3125, 26.8740, 32.3927**.

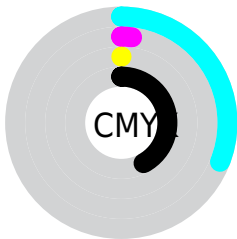
Distribution



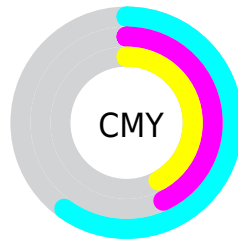
- Red (40%)
- Green (57%)
- Blue (58%)



- Red (40%)
- Yellow (49%)
- Blue (58%)



- Cyan (31%)
- Magenta (2%)
- Yellow (0%)
- Black (42%)



- Cyan (60%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2972, 25.6113, 32.2548 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 21.2972, 25.6113, 32.2548 by changing the saturation by 10% instead.

■ 21.2972, 25.6113,
32.2548

■ 21.2972, 25.6113,
32.2548

251.5557,
280.8687, 326.8067

■ 13.4551, 16.5331,
21.2898

■ 45.0692, 52.6472,
64.3129

■ 7.8218, 9.9022,
13.1427

■ 61.7298, 71.3737,
86.2430

■ 4.0320, 5.3341,
7.3950

■ 82.0607, 94.0850,
112.6652

■ 1.7203, 2.4446,
3.6282

■ 106.4271,
121.1657, 143.9980

■ 0.4689, 0.8487,
1.4237

135.1944,
152.9999, 180.6601

■ 0.0000, 0.0000,
0.1601

168.7281,

■ 0.0000, 0.0000,

189.9723, 223.0699

0.0000

207.3934,
232.4671, 271.6459

■ 21.2972, 25.6113,
32.2548

■ 21.2972, 25.6113,
32.2548

■ 19.5893, 24.5102,
32.1327

■ 23.3125, 26.8740,
32.3927

■ 18.1703, 23.5592,
32.0239

■ 25.6478, 28.3030,
32.5455

■ 17.0233, 22.7504,
31.9283

■ 28.3180, 29.9066,
32.7143

■ 16.1287, 22.0736,
31.8448

■ 31.3362, 31.6914,
32.8997

■ 15.4642, 21.5172,
31.7724

■ 34.7148, 33.6639,
33.1024

■ 15.0037, 21.0679,
31.7100

■ 38.4658, 35.8303,
33.3228

■ 14.6995, 20.7192,
31.6587

■ 42.6003, 38.1963,
33.5616

■ 47.1292, 40.7676,
33.8192

■ 52.0629, 43.5495,
34.0961

Harmonies

Analogous

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



21.0243, 25.6113, 26.9416



21.2972, 25.6113, 32.2548



22.3688, 25.6113, 36.8658

Triad

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



21.2972, 25.6113, 32.2548



27.3039, 25.6113, 34.1132



24.6780, 25.6113, 19.0559

Complementary

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



21.2972, 25.6113, 32.2548



19.9969, 17.6770, 15.1904

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.



26.4296, 25.6113, 20.4980



21.2972, 25.6113, 32.2548



27.9933, 25.6113, 28.8529

Square

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



21.2972, 25.6113, 32.2548



25.8238, 25.6113, 38.0289



27.6657, 25.6113, 23.9313



22.9195, 25.6113, 19.7295

Rectangle

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



21.2972, 25.6113, 32.2548



23.4214, 25.6113, 38.6977



27.6657, 25.6113, 23.9313



25.2880, 25.6113, 19.3032

Sweetspot

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



21.2980, 25.6123, 32.2554



46.6963, 51.1491, 58.3329



18.9067, 25.4050, 17.3532



10.2146, 11.2543, 12.9188



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.2980, 25.6123, 32.2554



35.9793, 44.4801, 57.6105



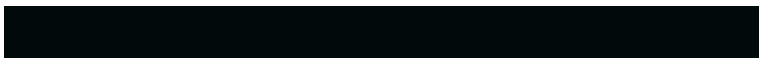
18.1889, 19.3942, 31.2190



5.9321, 6.4982, 7.4114



12.3799, 17.4545, 26.6476



0.1594, 0.2293, 0.3288

Inverse Universe

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



22.4336, 18.1659, 29.5194



38.3670, 29.0647, 51.8040



22.6014, 22.8860, 16.0586



6.0192, 5.9027, 7.2071



14.3759, 6.9554, 21.2581



0.1799, 0.0867, 0.2811

Previews

White Background



This preview shows how the XYZ color 21.2972, 25.6113, 32.2548 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 21.2972, 25.6113, 32.2548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

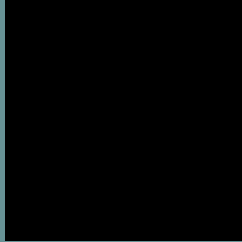
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.2972, 25.6113, 32.2548

Background



This preview shows how black text looks on a background with the XYZ color 21.2972, 25.6113, 32.2548.



This preview shows how white text looks on a background with the XYZ color 21.2972, 25.6113,

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

21.2972, 25.6113, 32.2548

Protanopia

24.6272, 25.3939, 29.9891

Deuteranopia

25.7881, 25.3043, 32.8032



Tritanopia

21.9518, 25.6544, 35.2473

Trichromacy



Original Color

21.2972, 25.6113, 32.2548

Protanomaly

23.1706, 25.2671, 30.8499

Deuteranomaly

23.7994, 25.1248, 32.4494

Tritanomaly

21.5841, 25.4938, 33.9202

Monochromacy



Original Color

21.2972, 25.6113, 32.2548

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.7747, 24.1786, 27.9454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2972, 25.6113, 32.2548 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(103, 146, 149)` looks like.

```
.text, #text, p{  
    color:rgb(103, 146, 149)  
}
```

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(103, 146, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 146, 149) }
```

Border

The CSS property to change the border of an element to XYZ 21.2972, 25.6113, 32.2548 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(103, 146, 149) }
```


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

```
.border{ border-color:rgb(103, 146, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 146, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 146, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 146, 149);  
box-shadow:4px 4px 4px 4px rgb(103, 146,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2972, 25.6113, 32.2548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 146, 149) }
```

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

```
.background{ background-color: rgb(103,  
146, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor