

Converting Colors

XYZ(21.6581, 24.3540, 32.5178)

Have a look what the booklet for
XYZ(21.6581, 24.3540, 32.5178)
contains.

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Color

**XYZ(21.6932, 24.4689,
32.4338)**

Conversions

Conversions Part 1

Format	Color
Hex	718C96
RGB	113, 140, 150
RGB Percent	44%, 55%, 59%
CMY	0.5569, 0.4510, 0.4118
CMYK	0.25, 0.07, 0.00, 0.41
HSL	196°, 15%, 52%
HSV	196°, 25%, 59%
XYZ	21.6932, 24.4689, 32.4338
YIQ	133.0670, -19.3020, -2.6140

Conversions

Conversions Part 2

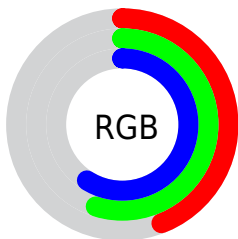
Format	Color
R_{YB}	113, 129, 150
Decimal	7441558
CIE _{Lab}	56.55, -7.17, -8.48
CIE _{LCh}	57, 11.104, 229.764
Yxy	24.4689, 0.2760, 0.3113
Android (android.graphics.Color)	4285631638 (0xFF718C96)
YUV	133.0670, 8.3480, -17.5988
Hunter-Lab	49.4660, -8.2849, -4.2489

Details

The XYZ color **21.6932, 24.4689, 32.4338** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.6416, 21.8424, 18.6461**, and the grayscale version is **22.2949, 23.4560, 25.5436**.

A 20% lighter version of the original color is **45.7079, 50.9425, 64.5506**, and **8.0226, 9.3032, 13.1772** is the 20% darker color. If you saturate the color by 10%, you get **19.3394, 22.3929, 32.1576**, and if you desaturate by 10%, it is **24.3893, 26.7550, 32.7334**.

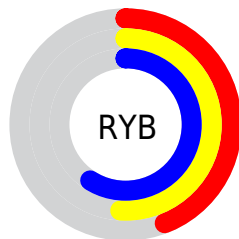
Distribution



Red (44%)

Green (55%)

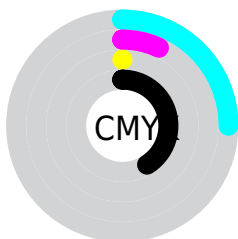
Blue (59%)



Red (44%)

Yellow (51%)

Blue (59%)

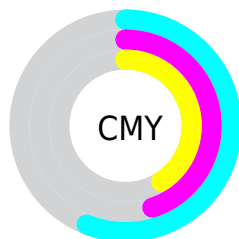


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (41%)



Cyan (56%)

Magenta (45%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6932, 24.4689, 32.4338 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 21.6932, 24.4689, 32.4338 by changing the saturation by 10% instead.

■ 21.6932, 24.4689,
32.4338

■ 21.6932, 24.4689,
32.4338

253.6025,
275.1826, 327.6441

■ 13.7470, 15.6818,
21.4255

■ 45.7210, 50.7943,
64.5963

■ 8.0254, 9.2993,
13.2411

■ 62.5334, 69.1014,
86.5876

■ 4.1632, 4.9369,
7.4621

■ 83.0318, 91.3506,
113.0770

■ 1.7948, 2.2103,
3.6699

■ 107.5816,
117.9264, 144.4830

■ 0.5146, 0.7256,
1.4461

136.5483,
149.2131, 181.2242

■ 0.0000, 0.0000,
0.1773

170.2970,

■ 0.0000, 0.0000,

185.5951, 223.7190

0.0000

209.1933,
227.4568, 272.3862

■ 21.6932, 24.4689,
32.4338

■ 21.6932, 24.4689,
32.4338

■ 19.3394, 22.3929,
32.1576

■ 24.3893, 26.7550,
32.7334

■ 17.3097, 20.5154,
31.9021

■ 27.4403, 29.2562,
33.0553

■ 15.5878, 18.8283,
31.6673

■ 30.8609, 31.9809,
33.4010

■ 14.1546, 17.3214,
31.4519

■ 34.6641, 34.9363,
33.7710

■ 12.9892, 15.9835,
31.2551

■ 38.8625, 38.1291,
34.1660

■ 12.0673, 14.8018,
31.0756

■ 43.4679, 41.5659,
34.5866

■ 11.3585, 13.7602,
30.9119

■ 48.4918, 45.2526,
35.0334

■ 11.0236, 13.2391,
30.8290

■ 53.9450, 49.1954,
35.5070

■ 59.8380, 53.3999,
36.0080

Harmonies

Analogous

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



21.0026, 24.4689, 29.1142



21.6932, 24.4689, 32.4338



22.8195, 24.4689, 34.2519

Triad

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



21.6932, 24.4689, 32.4338



25.7810, 24.4689, 27.9232



22.4293, 24.4689, 20.5079

Complementary

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



21.6932, 24.4689, 32.4338



22.6416, 21.8424, 18.6461

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.



23.7000, 24.4689, 20.2528



21.6932, 24.4689, 32.4338



25.6671, 24.4689, 24.3147

Square

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



21.6932, 24.4689, 32.4338



25.1998, 24.4689, 31.4930



24.8941, 24.4689, 21.5851



21.4166, 24.4689, 22.3174

Rectangle

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



21.6932, 24.4689, 32.4338



23.6796, 24.4689, 34.2639



24.8941, 24.4689, 21.5851



22.8394, 24.4689, 20.2443

Sweetspot

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



21.6939, 24.4699, 32.4344



47.0346, 50.5025, 58.1902



21.2838, 26.7506, 22.7374



10.3617, 11.1417, 12.8893



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.



21.6939, 24.4699, 32.4344



35.7514, 40.9680, 56.9446



19.2303, 19.5426, 31.6131



5.8329, 6.2998, 7.3783



9.1700, 11.0348, 25.5777



0.1367, 0.1839, 0.3212

Inverse Universe

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



23.2171, 20.1884, 27.4851



38.9980, 32.1735, 46.3210



25.1378, 26.8349, 19.4782



5.9691, 5.8827, 6.9435



12.7557, 6.3073, 12.7263



0.1685, 0.0821, 0.2207

Previews

White Background



This preview shows how the XYZ color 21.6932, 24.4689, 32.4338 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 21.6932, 24.4689, 32.4338 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

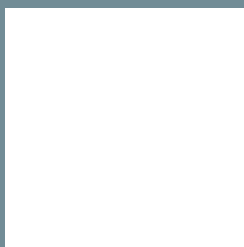
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6932, 24.4689, 32.4338

Background



This preview shows how black text looks on a background with the XYZ color 21.6932, 24.4689, 32.4338.



This preview shows how white text looks on a background with the XYZ color 21.6932, 24.4689,

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

21.6932, 24.4689, 32.4338

Protanopia

23.6231, 24.2251, 31.0346

Deuteranopia

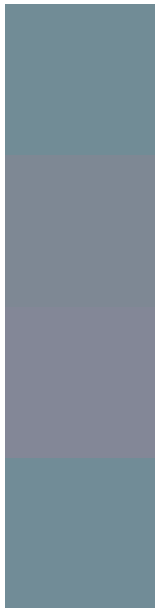
24.9033, 24.4322, 33.1091



Tritanopia

21.7740, 24.5012, 32.8598

Trichromacy



Original Color

21.6932, 24.4689, 32.4338

Protanomaly

22.7536, 24.1821, 31.4853

Deuteranomaly

23.6100, 24.3876, 32.7411

Tritanomaly

21.7740, 24.5012, 32.8598

Monochromacy



Original Color

21.6932, 24.4689, 32.4338

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.0685, 23.9080, 27.8777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6932, 24.4689, 32.4338 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(113, 140, 150)` looks like.

```
.text, #text, p{  
    color:rgb(113, 140, 150)  
}
```

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(113, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 140, 150) }
```

Border

The CSS property to change the border of an element to XYZ 21.6932, 24.4689, 32.4338 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(113, 140, 150) }
```


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

```
.border{ border-color:rgb(113, 140, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 140, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(113, 140,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6932, 24.4689, 32.4338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 140, 150) }
```

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

```
.background{ background-color: rgb(113,  
140, 150) }
```

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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