

Converting Colors

XYZ(22.7654, 25.9601, 32.2461)

Have a look what the booklet for
XYZ(22.7654, 25.9601, 32.2461)
contains.

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Color

**XYZ(22.7342, 25.8984,
32.2344)**

Conversions

Conversions Part 1

Format	Color
Hex	759095
RGB	117, 144, 149
RGB Percent	46%, 56%, 58%
CMY	0.5412, 0.4353, 0.4157
CMYK	0.21, 0.03, 0.00, 0.42
HSL	189°, 13%, 52%
HSV	189°, 21%, 58%
XYZ	22.7342, 25.8984, 32.2344
YIQ	136.4970, -17.6970, -4.1690

Conversions

Conversions Part 2

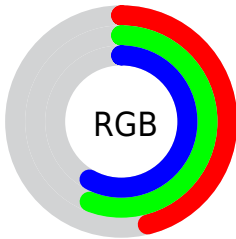
Format	Color
R_{YB}	117, 132, 149
Decimal	7704725
CIE _{Lab}	57.94, -8.34, -5.81
CIE _{LCh}	58, 10.162, 214.885
Yxy	25.8984, 0.2811, 0.3203
Android (android.graphics.Color)	4285894805 (0xFF759095)
YUV	136.4970, 6.1640, -17.0989
Hunter-Lab	50.8905, -9.3174, -1.9314

Details

The XYZ color **22.7342, 25.8984, 32.2344** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.5650, 21.5929, 19.8087**, and the grayscale version is **23.5712, 24.7987, 27.0058**.

A 20% lighter version of the original color is **47.5511, 53.2460, 64.2712**, and **8.5912, 10.1162, 13.0551** is the 20% darker color. If you saturate the color by 10%, you get **20.5408, 24.2504, 32.0323**, and if you desaturate by 10%, it is **25.2551, 27.7273, 32.4550**.

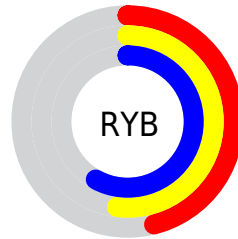
Distribution



Red (46%)

Green (56%)

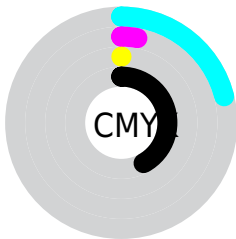
Blue (58%)



Red (46%)

Yellow (52%)

Blue (58%)

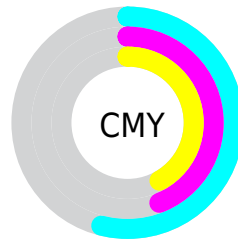


Cyan (21%)

Magenta (3%)

Yellow (0%)

Black (42%)



Cyan (54%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7342, 25.8984, 32.2344 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 22.7342, 25.8984, 32.2344 by changing the saturation by 10% instead.

■ 22.7342, 25.8984,
32.2344

■ 22.7342, 25.8984,
32.2344

258.9177,
282.2830, 326.7112

■ 14.5170, 16.7476,
21.2743

■ 47.4264, 53.1110,
64.2805

■ 8.5652, 10.0547,
13.1315

■ 64.6321, 71.9416,
86.2037

■ 4.5135, 5.4353,
7.3873

■ 85.5646, 94.7677,
112.6182

■ 1.9965, 2.5048,
3.6234

110.5894,
121.9735, 143.9427

■ 0.6320, 0.8791,
1.4211

140.0717,
153.9436, 180.5957

■ 0.0000, 0.0000,
0.1581

174.3770,

■ 0.0000, 0.0000,

191.0623, 222.9958

0.0000

213.8705,
233.7139, 271.5614

■ 22.7342, 25.8984,
32.2344

■ 22.7342, 25.8984,
32.2344

■ 20.5408, 24.2504,
32.0323

■ 25.2551, 27.7273,
32.4550

■ 18.6574, 22.7724,
31.8463

■ 28.1153, 29.7413,
32.6930

■ 17.0687, 21.4568,
31.6761

■ 31.3288, 31.9484,
32.9496

■ 15.7566, 20.2945,
31.5209

■ 34.9081, 34.3550,
33.2255

■ 14.7016, 19.2752,
31.3798

■ 38.8652, 36.9674,
33.5212

■ 13.8810, 18.3873,
31.2516

■ 43.2113, 39.7915,
33.8372

■ 13.2683, 17.6169,
31.1352

■ 47.9575, 42.8329,
34.1741

■ 12.8512, 17.0226,
31.0425

■ 53.1140, 46.0972,
34.5324

■ 58.6911, 49.5895,
34.9125

Harmonies

Analogous

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



22.3433, 25.8984, 28.7772



22.7342, 25.8984, 32.2344



23.6297, 25.8984, 34.7564

Triad

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



22.7342, 25.8984, 32.2344



26.8099, 25.8984, 31.1591



24.4157, 25.8984, 21.9994

Complementary

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



22.7342, 25.8984, 32.2344



22.5650, 21.5929, 19.8087

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.



25.6286, 25.8984, 22.5230



22.7342, 25.8984, 32.2344



27.0371, 25.8984, 27.6285

Square

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



22.7342, 25.8984, 32.2344



25.9871, 25.8984, 34.1003



26.5981, 25.8984, 24.5152



23.2933, 25.8984, 23.0210

Rectangle

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



22.7342, 25.8984, 32.2344



24.4063, 25.8984, 35.4631



26.5981, 25.8984, 24.5152



24.8262, 25.8984, 22.0014

Sweetspot

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



22.7350, 25.8995, 32.2350



47.8933, 51.5443, 58.3460



21.5845, 26.6774, 22.3596



10.5492, 11.3774, 12.9249



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.



22.7350, 25.8995, 32.2350



38.6585, 44.8510, 57.5408



20.5067, 21.4429, 31.4922



5.8878, 6.4096, 7.3966



10.8335, 14.3618, 26.1322



0.1493, 0.2092, 0.3254

Inverse Universe

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



23.7904, 21.1263, 29.2107



40.9368, 34.7539, 50.9661



24.6655, 25.7940, 20.5088



5.9968, 5.8938, 7.0893



13.5953, 6.6432, 17.1479



0.1748, 0.0847, 0.2543

Previews

White Background



This preview shows how the XYZ color 22.7342, 25.8984, 32.2344 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 22.7342, 25.8984, 32.2344 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

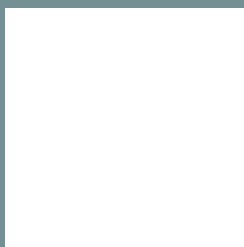
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.7342, 25.8984, 32.2344

Background



This preview shows how black text looks on a background with the XYZ color 22.7342, 25.8984, 32.2344.

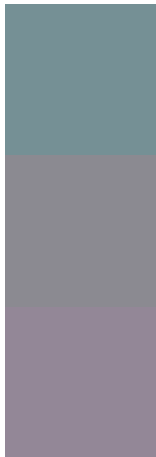


This preview shows how white text looks on a background with the XYZ color 22.7342, 25.8984,

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

22.7342, 25.8984, 32.2344

Protanopia

24.8468, 25.7103, 30.4411

Deuteranopia

26.2825, 25.7654, 32.8661



Tritanopia

23.2101, 25.8630, 34.7791

Trichromacy



Original Color

22.7342, 25.8984, 32.2344

Protanomaly

23.9265, 25.6568, 30.8853

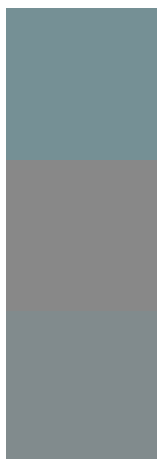
Deuteranomaly

24.7468, 25.6132, 32.4937

Tritanomaly

23.0434, 25.7964, 33.9017

Monochromacy



Original Color

22.7342, 25.8984, 32.2344

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.0936, 25.0555, 28.8183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7342, 25.8984, 32.2344 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(117, 144, 149)` looks like.

```
.text, #text, p{  
    color:rgb(117, 144, 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(117, 144, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 144, 149) }
```

Border

The CSS property to change the border of an element to XYZ 22.7342, 25.8984, 32.2344 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(117, 144, 149) }
```


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

```
.border{ border-color:rgb(117, 144, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 144, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 144, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 144, 149);  
box-shadow:4px 4px 4px 4px rgb(117, 144,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7342, 25.8984, 32.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 144, 149) }
```

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

```
.background{ background-color: rgb(117,  
144, 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](#).

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