

Converting Colors

XYZ(24.2550, 32.7243, 33.0347)

Have a look what the booklet for
XYZ(24.2550, 32.7243, 33.0347)
contains.

XYZ(24.2777, 32.6848, 33.0462)	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(24.2777, 32.6848,
33.0462)**

Conversions

Conversions Part 1

Format	Color
Hex	61A894
RGB	97, 168, 148
RGB Percent	38%, 66%, 58%
CMY	0.6196, 0.3412, 0.4196
CMYK	0.42, 0.00, 0.12, 0.34
HSL	163°, 29%, 52%
HSV	163°, 42%, 66%
XYZ	24.2777, 32.6848, 33.0462
YIQ	144.4910, -35.8960, -21.2720

Conversions

Conversions Part 2

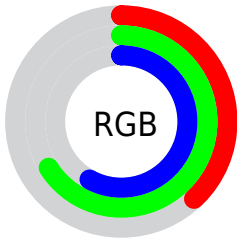
Format	Color
R_{YB}	97, 138, 168
Decimal	6400148
CIE _{Lab}	63.90, -27.17, 3.36
CIE _{LCh}	64, 27.381, 172.948
Y _{xy}	32.6848, 0.2697, 0.3631
Android (android.graphics.Color)	4284590228 (0xFF61A894)
YUV	144.4910, 1.7299, -41.6496
Hunter-Lab	57.1706, -24.2480, 5.7482

Details

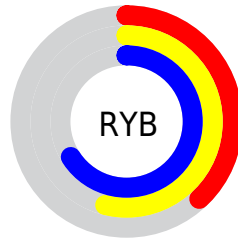
The XYZ color **24.2777, 32.6848, 33.0462** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.6352, 18.1594, 19.0903**, and the grayscale version is **26.7117, 28.1028, 30.6040**.

A 20% lighter version of the original color is **50.0788, 64.1549, 65.6208**, and **9.3993, 13.8674, 13.4905** is the 20% darker color. If you saturate the color by 10%, you get **22.3069, 31.7120, 31.0387**, and if you desaturate by 10%, it is **26.6448, 33.8618, 35.1536**.

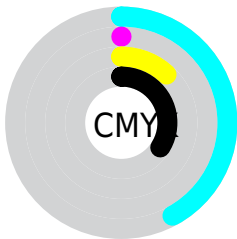
Distribution



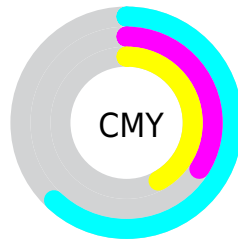
- Red (38%)
- Green (66%)
- Blue (58%)



- Red (38%)
- Yellow (54%)
- Blue (66%)



- Cyan (42%)
- Magenta (0%)
- Yellow (12%)
- Black (34%)



- Cyan (62%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2777, 32.6848, 33.0462 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 24.2777, 32.6848, 33.0462 by changing the saturation by 10% instead.

■ 24.2777, 32.6848,
33.0462

■ 24.2777, 32.6848,
33.0462

266.6359,
314.2270, 330.4963

■ 15.6656, 21.8851,
21.8904

■ 49.9344, 63.8831,
65.5645

■ 9.3772, 13.7725,
13.5789

■ 67.7097, 85.0505,
87.7641

■ 5.0471, 7.9626,
7.6930

■ 89.2700, 110.4426,
114.4821

■ 2.3100, 4.0710,
3.8142

■ 114.9809,
140.4437, 146.1369

■ 0.7998, 1.7134,
1.5240

145.2075,
175.4384, 183.1473

■ 0.0000, 0.4323,
0.2357

180.3154,

■ 0.0000, 0.0000,

215.8109, 225.9316

0.0000

220.6697,
261.9456, 274.9084

■ 24.2777, 32.6848,
33.0462

■ 24.2777, 32.6848,
33.0462

■ 22.3069, 31.7120,
31.0387

■ 26.6448, 33.8618,
35.1536

■ 20.7052, 30.9270,
29.1268

■ 29.4277, 35.2504,
37.3608

■ 19.4465, 30.3171,
27.3090


■ 32.6476, 36.8626,
39.6701


■ 18.4999, 29.8663,
25.5830

■ 36.3239, 38.7082,
42.0836


■ 17.8287, 29.5558,
23.9459


■ 40.4745, 40.7964,
44.6028

 17.4345, 29.3790,
22.7365

 45.1163, 43.1360,
47.2295

 50.2655, 45.7353,
49.9653

 55.9375, 48.6022,
52.8117

 62.1470, 51.7443,
55.7702

Harmonies

Analogous

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



25.5200, 32.6848, 24.2728



24.2777, 32.6848, 33.0462



24.7304, 32.6848, 44.5192

Triad

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



24.2777, 32.6848, 33.0462



34.0452, 32.6848, 58.9225



35.7475, 32.6848, 21.1975

Complementary

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



24.2777, 32.6848, 33.0462



23.6352, 18.1594, 19.0903

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.



38.4004, 32.6848, 27.9394



24.2777, 32.6848, 33.0462



37.3622, 32.6848, 49.9658

Square

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



24.2777, 32.6848, 33.0462



30.1652, 32.6848, 61.0738



39.0144, 32.6848, 38.2573



31.9844, 32.6848, 18.4101

Rectangle

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



24.2777, 32.6848, 33.0462



25.9521, 32.6848, 52.0918



39.0144, 32.6848, 38.2573



36.8109, 32.6848, 23.0001

Sweetspot

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



24.2786, 32.6861, 33.0470



58.6348, 66.5856, 71.5667



23.5131, 32.6597, 16.3745



12.4973, 14.3712, 15.4012



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.2786, 32.6861, 33.0470



40.5831, 57.5958, 56.4379



23.3273, 28.0269, 41.2276



7.6561, 8.4955, 9.1750



13.1880, 22.1939, 17.2885



0.3410, 0.5481, 0.5269

Inverse Universe

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



23.6352, 18.1594, 19.0903



39.2668, 27.5806, 27.6665



24.1437, 20.8619, 14.0640



7.6148, 7.5758, 8.2885



12.6066, 6.4514, 2.7400



0.3282, 0.1655, 0.1797

Previews

White Background



This preview shows how the XYZ color 24.2777, 32.6848, 33.0462 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 24.2777, 32.6848, 33.0462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

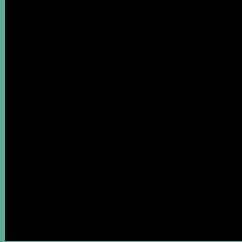
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.2777, 32.6848, 33.0462

Background



This preview shows how black text looks on a background with the XYZ color 24.2777, 32.6848, 33.0462.

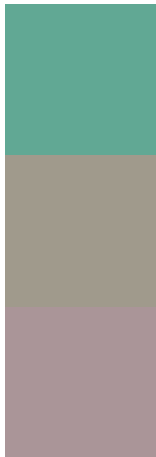


This preview shows how white text looks on a background with the XYZ color 24.2777, 32.6848,

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

24.2777, 32.6848, 33.0462

Protanopia

30.7864, 32.4782, 29.4572

Deuteranopia

32.9925, 32.3079, 34.2029



Tritanopia

27.0370, 32.7285, 46.4872

Trichromacy



Original Color

24.2777, 32.6848, 33.0462

Protanomaly

27.6726, 32.0978, 30.7236

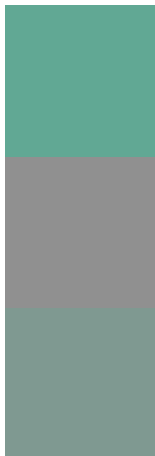
Deuteranomaly

28.8021, 31.8509, 33.9080

Tritanomaly

25.8176, 32.4882, 40.9865

Monochromacy



Original Color

24.2777, 32.6848, 33.0462

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.2545, 29.3388, 31.1200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2777, 32.6848, 33.0462 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(97, 168, 148) looks like.

```
.text, #text, p{  
    color:rgb(97, 168, 148)  
}
```

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(97, 168, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 168, 148) }
```

Border

The CSS property to change the border of an element to XYZ 24.2777, 32.6848, 33.0462 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(97, 168, 148) }
```


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

```
.border{ border-color:rgb(97, 168, 148) }
```

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

Here you see how a box with a 4 pixel rgb(97, 168, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 168, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 168, 148);  
box-shadow:4px 4px 4px 4px rgb(97, 168,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2777, 32.6848, 33.0462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 168, 148) }
```

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

```
.background{ background-color: rgb(97, 168,  
148) }
```

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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