

Converting Colors

XYZ(24.6691, 32.0553, 33.7413)

Have a look what the booklet for
XYZ(24.6691, 32.0553, 33.7413)
contains.

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Color

**XYZ(24.6691, 32.0553,
33.7413)**

Conversions

Conversions Part 1

Format	Color
Hex	68A596
RGB	104, 165, 150
RGB Percent	41%, 65%, 59%
CMY	0.5921, 0.3529, 0.4118
CMYK	0.37, 0.00, 0.09, 0.35
HSL	165°, 25%, 53%
HSV	165°, 37%, 65%
XYZ	24.6691, 32.0553, 33.7413
YIQ	145.0510, -31.5410, -17.5970

Conversions

Conversions Part 2

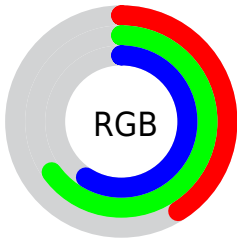
Format	Color
RYB	104, 139, 165
Decimal	6858134
CIELab	63.39, -23.25, 1.54
CIELCh	63, 23.303, 176.222
Yxy	32.0553, 0.2727, 0.3543
Android (android.graphics.Color)	4285048214 (0xFF68A596)
YUV	145.0510, 2.4399, -36.0017
Hunter-Lab	56.6174, -21.3052, 4.2981

Details

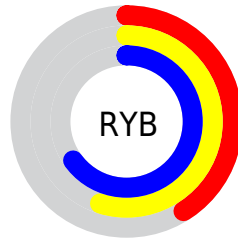
The XYZ color **24.6691, 32.0553, 33.7413** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.7983, 19.2328, 19.9120**, and the grayscale version is **26.9347, 28.3374, 30.8594**.

A 20% lighter version of the original color is **50.3969, 62.7141, 66.5756**, and **9.5734, 13.4412, 13.8942** is the 20% darker color. If you saturate the color by 10%, you get **22.6171, 31.0354, 31.9695**, and if you desaturate by 10%, it is **27.1090, 33.2755, 35.5917**.

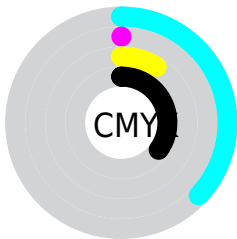
Distribution



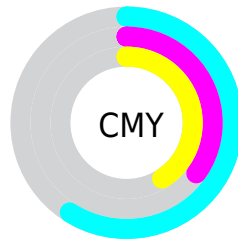
- Red (41%)
- Green (65%)
- Blue (59%)



- Red (41%)
- Yellow (55%)
- Blue (65%)



- Cyan (37%)
- Magenta (0%)
- Yellow (9%)
- Black (35%)



- Cyan (59%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6691, 32.0553, 33.7413 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 24.6691, 32.0553, 33.7413 by changing the saturation by 10% instead.

■ 24.6691, 32.0553,
33.7413

■ 24.6691, 32.0553,
33.7413

268.5641,
311.3711, 333.7108

■ 15.9581, 21.4037,
22.4192

■ 50.5667, 62.8978,
66.6605

■ 9.5852, 13.4194,
13.9640

■ 68.4840, 83.8575,
89.0946

■ 5.1849, 7.7180,
7.9571

■ 90.2007, 109.0220,
116.0698

■ 2.3920, 3.9150,
3.9802

■ 116.0823,
138.7758, 148.0046

■ 0.8411, 1.6262,
1.6145

146.4941,
173.5032, 185.3176

■ 0.0000, 0.3751,
0.3011

181.8014,

■ 0.0000, 0.0000,

213.5886, 228.4272

0.0000

222.3697,
259.4164, 277.7522

■ 24.6691, 32.0553,
33.7413

■ 24.6691, 32.0553,
33.7413

■ 22.6171, 31.0354,
31.9695

■ 27.1090, 33.2755,
35.5917

■ 20.9282, 30.2006,
30.2725

■ 29.9543, 34.7026,
37.5201

■ 19.5790, 29.5395,
28.6492

■ 33.2249, 36.3476,
39.5286

■ 18.5421, 29.0382,
27.0979

■ 36.9383, 38.2195,
41.6187

■ 17.7856, 28.6803,
25.6164

■ 41.1113, 40.3270,
43.7916

■ 17.2619, 28.4411,
24.2018

■ 45.7594, 42.6780,
46.0486

■ 17.1207, 28.3773,
23.7848

■ 50.8979, 45.2805,
48.3911

■ 56.5409, 48.1417,
50.8201

■ 62.7023, 51.2686,
53.3369

Harmonies

Analogous

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



25.5811, 32.0553, 25.9002



24.6691, 32.0553, 33.7413



25.2178, 32.0553, 43.3868

Triad

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



24.6691, 32.0553, 33.7413



33.3015, 32.0553, 53.4616



34.0610, 32.0553, 22.0833

Complementary

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



24.6691, 32.0553, 33.7413



23.7983, 19.2328, 19.9120

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.



36.3996, 32.0553, 27.6038



24.6691, 32.0553, 33.7413



35.9398, 32.0553, 45.7816

Square

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



24.6691, 32.0553, 33.7413



30.0593, 32.0553, 55.8835



37.1102, 32.0553, 36.0906



30.8796, 32.0553, 19.9656

Rectangle

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



24.6691, 32.0553, 33.7413



26.3608, 32.0553, 49.4210



37.1102, 32.0553, 36.0906



34.9802, 32.0553, 23.5489

Sweetspot

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



24.6700, 32.0566, 33.7420



56.9273, 63.7980, 69.2503



23.5970, 31.8507, 18.0015



12.2825, 13.8656, 15.0395



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.6700, 32.0566, 33.7420



41.2427, 55.9466, 57.9280



23.3680, 27.3938, 39.6546



7.2013, 7.9813, 8.6719



12.9720, 21.4751, 18.1007



0.2895, 0.4580, 0.4697

Inverse Universe

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



23.7983, 19.2328, 19.9120



39.4685, 29.7348, 29.6974



24.6434, 22.2530, 16.0938



7.1419, 7.1132, 7.7336



12.0534, 6.1774, 2.2058



0.2707, 0.1368, 0.1382

Previews

White Background



This preview shows how the XYZ color 24.6691, 32.0553, 33.7413 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 24.6691, 32.0553, 33.7413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

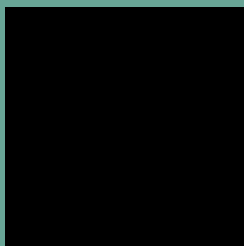
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

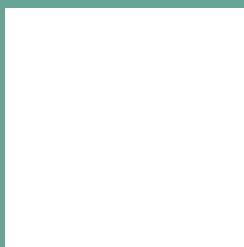
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6691, 32.0553, 33.7413

Background



This preview shows how black text looks on a background with the XYZ color 24.6691, 32.0553, 33.7413.

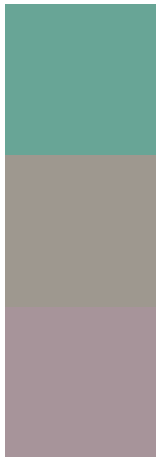


This preview shows how white text looks on a background with the XYZ color 24.6691, 32.0553,

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

24.6691, 32.0553, 33.7413

Protanopia

30.2867, 31.7087, 30.5107

Deuteranopia

32.3590, 31.7284, 34.9905



Tritanopia

26.8153, 31.8607, 44.7808

Trichromacy



Original Color

24.6691, 32.0553, 33.7413

Protanomaly

27.7265, 31.5925, 31.8308

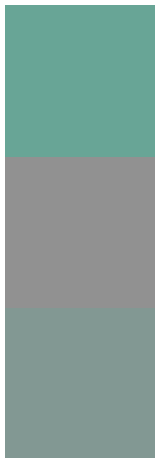
Deuteranomaly

28.8070, 31.3404, 34.6680

Tritanomaly

25.8962, 31.7454, 40.3599

Monochromacy



Original Color

24.6691, 32.0553, 33.7413

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.7006, 29.3089, 31.9064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6691, 32.0553, 33.7413 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(104, 165, 150)` looks like.

```
.text, #text, p{  
    color:rgb(104, 165, 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(104, 165, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 165, 150) }
```

Border

The CSS property to change the border of an element to XYZ 24.6691, 32.0553, 33.7413 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(104, 165, 150) }
```


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

```
.border{ border-color:rgb(104, 165, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 165, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 165, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 165, 150);  
box-shadow:4px 4px 4px 4px rgb(104, 165,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6691, 32.0553, 33.7413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 165, 150) }
```

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

```
.background{ background-color: rgb(104,  
165, 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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