

Converting Colors

XYZ(24.0319, 32.5838, 28.4104)

Have a look what the booklet for
XYZ(24.0319, 32.5838, 28.4104)
contains.

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Color

**XYZ(24.0401, 32.6664,
28.3308)**

Conversions

Conversions Part 1

Format	Color
Hex	67A888
RGB	103, 168, 136
RGB Percent	40%, 66%, 53%
CMY	0.5961, 0.3412, 0.4667
CMYK	0.39, 0.00, 0.19, 0.34
HSL	150°, 27%, 53%
HSV	150°, 39%, 66%
XYZ	24.0401, 32.6664, 28.3308
YIQ	144.9170, -28.4680, -23.7320

Conversions

Conversions Part 2

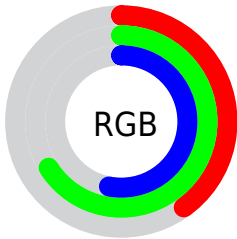
Format	Color
RYB	103, 146, 168
Decimal	6793352
CIELab	63.89, -28.15, 10.06
CIElCh	64, 29.891, 160.334
Yxy	32.6664, 0.2827, 0.3841
Android (android.graphics.Color)	4284983432 (0xFF67A888)
YUV	144.9170, -4.3961, -36.7612
Hunter-Lab	57.1545, -24.9405, 10.6188

Details

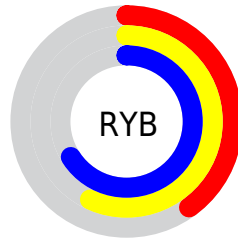
The XYZ color **24.0401, 32.6664, 28.3308** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.3730, 19.7754, 25.4027**, and the grayscale version is **26.9062, 28.3074, 30.8268**.

A 20% lighter version of the original color is **49.5513, 64.0534, 57.8960**, and **9.2903, 13.8665, 10.9909** is the 20% darker color. If you saturate the color by 10%, you get **21.7381, 31.5459, 25.2724**, and if you desaturate by 10%, it is **26.7764, 34.0074, 31.6478**.

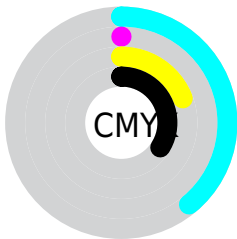
Distribution



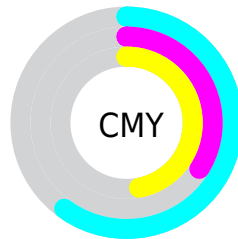
- Red (40%)
- Green (66%)
- Blue (53%)



- Red (40%)
- Yellow (57%)
- Blue (66%)



- Cyan (39%)
- Magenta (0%)
- Yellow (19%)
- Black (34%)



- Cyan (60%)
- Magenta (34%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0401, 32.6664, 28.3308 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 24.0401, 32.6664, 28.3308 by changing the saturation by 10% instead.

■ 24.0401, 32.6664,
28.3308

■ 24.0401, 32.6664,
28.3308

265.4599,
314.1438, 308.0058

■ 15.4883, 21.8710,
18.3340

■ 49.5498, 63.8543,
58.0416

■ 9.2513, 13.7621,
11.0181

■ 67.2384, 85.0157,
78.5926

■ 4.9639, 7.9554,
5.9647

■ 88.7033, 110.4011,
103.4988

■ 2.2606, 4.0664,
2.7552

■ 114.3099,
140.3951, 133.1787

■ 0.7744, 1.7108,
0.9710

144.4235,
175.3819, 168.0507

■ 0.0000, 0.4306,
0.0000

179.4094,

■ 0.0000, 0.0000,

215.7461, 208.5336

0.0000

219.6331,
261.8719, 255.0458

■ 24.0401, 32.6664,
28.3308

■ 24.0401, 32.6664,
28.3308

■ 21.7381, 31.5459,
25.2724

■ 26.7764, 34.0074,
31.6478

■ 19.8434, 30.6294,
22.4639

■ 29.9668, 35.5761,
35.2273

■ 18.3301, 29.9044,
19.8993


■ 33.6330, 37.3847,
39.0761


■ 17.1678, 29.3555,
17.5714


■ 37.7943, 39.4430,
43.1999


■ 16.3213, 28.9647,
15.4727

■ 42.4691, 41.7603,
47.6042


 15.7256, 28.6986,
13.5940

 47.6748, 44.3455,
52.2944

 15.6545, 28.6670,
13.3634

 53.4279, 47.2071,
57.2758

 59.7444, 50.3530,
62.5535

 66.6392, 53.7911,
68.1324

Harmonies

Analogous

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



26.1037, 32.6664, 20.6759



24.0401, 32.6664, 28.3308



23.7542, 32.6664, 39.8860

Triad

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



24.0401, 32.6664, 28.3308



32.5216, 32.6664, 63.5576



37.6285, 32.6664, 22.5872

Complementary

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



24.0401, 32.6664, 28.3308



25.3730, 19.7754, 25.4027

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.



39.7012, 32.6664, 31.5738



24.0401, 32.6664, 28.3308



36.5812, 32.6664, 56.3002

Square

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



24.0401, 32.6664, 28.3308



28.4062, 32.6664, 62.1327



39.3015, 32.6664, 43.9437



33.8496, 32.6664, 17.9154

Rectangle

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



24.0401, 32.6664, 28.3308



24.5798, 32.6664, 48.5914



39.3015, 32.6664, 43.9437



38.5627, 32.6664, 25.1083

Sweetspot

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



24.0410, 32.6677, 28.3315



58.5805, 66.6280, 68.3849



26.5242, 34.1784, 18.0315



12.5879, 14.4331, 14.7168



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.



24.0410, 32.6677, 28.3315



40.1598, 57.5894, 46.8489



26.6651, 33.7174, 42.1501



7.5897, 8.4689, 8.8254



11.8472, 21.6576, 10.2279



0.3140, 0.5372, 0.3846

Inverse Universe

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



25.3730, 19.7754, 25.4027



42.9079, 30.9935, 40.8089



23.4478, 19.0053, 15.2650



7.6793, 7.6016, 8.6283



13.3911, 6.7652, 6.8711



0.3517, 0.1750, 0.3036

Previews

White Background



This preview shows how the XYZ color 24.0401, 32.6664, 28.3308 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 24.0401, 32.6664, 28.3308 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 24.0401, 32.6664, 28.3308

Background



This preview shows how black text looks on a background with the XYZ color 24.0401, 32.6664, 28.3308.

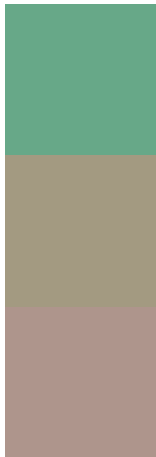


This preview shows how white text looks on a background with the XYZ color 24.0401, 32.6664,

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

24.0401, 32.6664, 28.3308

Protanopia

30.6223, 32.4827, 25.4247

Deuteranopia

32.9366, 32.3870, 29.3263



Tritanopia

27.6158, 32.7737, 45.9448

Trichromacy



Original Color

24.0401, 32.6664, 28.3308

Protanomaly

27.5475, 32.1249, 26.5786

Deuteranomaly

28.7614, 31.9369, 29.0746

Tritanomaly

26.1948, 32.7347, 38.6560

Monochromacy



Original Color

24.0401, 32.6664, 28.3308

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.4796, 29.4813, 29.9387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0401, 32.6664, 28.3308 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, 168, 136)` looks like.

```
.text, #text, p{  
    color:rgb(103, 168, 136)  
}
```

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, 168, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 168, 136) }
```

Border

The CSS property to change the border of an element to XYZ 24.0401, 32.6664, 28.3308 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, 168, 136) }
```


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

```
.border{ border-color:rgb(103, 168, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 168, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 168, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 168, 136);  
box-shadow:4px 4px 4px 4px rgb(103, 168,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0401, 32.6664, 28.3308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 168, 136) }
```

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

```
.background{ background-color: rgb(103,  
168, 136) }
```

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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