

Converting Colors

XYZ(25.7187, 32.7688, 43.2879)

Have a look what the booklet for
XYZ(25.7187, 32.7688, 43.2879)
contains.

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Color

**XYZ(25.7062, 32.6456,
43.4744)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA6AB
RGB	95, 166, 171
RGB Percent	37%, 65%, 67%
CMY	0.6274, 0.3490, 0.3294
CMYK	0.44, 0.03, 0.00, 0.33
HSL	184°, 31%, 52%
HSV	184°, 44%, 67%
XYZ	25.7062, 32.6456, 43.4744
YIQ	145.3410, -43.9210, -13.4970

Conversions

Conversions Part 2

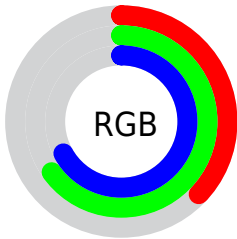
Format	Color
RYB	95, 132, 171
Decimal	6268587
CIELab	63.87, -20.93, -9.56
CIELCh	64, 23.012, 204.548
Yxy	32.6456, 0.2525, 0.3206
Android (android.graphics.Color)	4284458667 (0xFF5FA6AB)
YUV	145.3410, 12.6499, -44.1491
Hunter-Lab	57.1363, -19.6797, -5.1177

Details

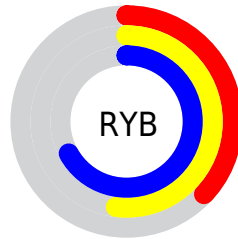
The XYZ color **25.7062, 32.6456, 43.4744** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.4178, 18.5989, 13.1830**, and the grayscale version is **27.0161, 28.4230, 30.9527**.

A 20% lighter version of the original color is **52.1616, 63.6879, 81.4953**, and **10.1838, 13.7979, 19.5793** is the 20% darker color. If you saturate the color by 10%, you get **23.9179, 31.4223, 43.3331**, and if you desaturate by 10%, it is **27.8881, 34.0760, 43.6361**.

Distribution



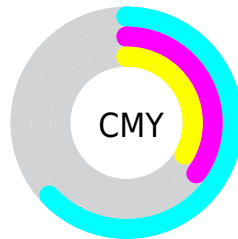
- Red (37%)
- Green (65%)
- Blue (67%)



- Red (37%)
- Yellow (52%)
- Blue (67%)



- Cyan (44%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)



- Cyan (63%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7062, 32.6456, 43.4744 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 25.7062, 32.6456, 43.4744 by changing the saturation by 10% instead.

■ 25.7062, 32.6456,
43.4744

■ 25.7062, 32.6456,
43.4744

273.6201,
314.0498, 376.5375

■ 16.7355, 21.8551,
29.9234

■ 52.2353, 63.8218,
81.7203

■ 10.1402, 13.7505,
19.5289

■ 70.5244, 84.9763,
107.2522

■ 5.5550, 7.9473,
11.8724

■ 92.6503, 110.3543,
137.6148

■ 2.6145, 4.0613,
6.5353

■ 118.9784,
140.3401, 173.2267

■ 0.9534, 1.7079,
3.0992

149.8741,
175.3182, 214.5064

■ 0.0000, 0.4288,
1.1455

185.7027,

■ 0.0000, 0.0000,

215.6729, 261.8724

0.0000

226.8296,
261.7886, 315.7432

■ 25.7062, 32.6456,
43.4744

■ 25.7062, 32.6456,
43.4744

■ 23.9179, 31.4223,
43.3331

■ 27.8881, 34.0760,
43.6361

■ 22.4946, 30.3890,
43.2087

■ 30.4842, 35.7218,
43.8169

■ 21.4082, 29.5321,
43.1005

■ 33.5171, 37.5955,
44.0187

■ 20.6255, 28.8343,
43.0071

■ 37.0067, 39.7073,
44.2424

■ 20.1065, 28.2751,
42.9265

■ 40.9721, 42.0671,
44.4889

■ 19.8791, 27.9970,
42.8848

■ 45.4310, 44.6839,
44.7590

■ 50.4002, 47.5665,
45.0535

■ 55.8959, 50.7233,
45.3731

■ 61.9333, 54.1620,
45.7187

Harmonies

Analogous

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



25.2378, 32.6456, 33.8792



25.7062, 32.6456, 43.4744



27.5579, 32.6456, 52.1266

Triad

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



25.7062, 32.6456, 43.4744



36.3781, 32.6456, 46.9152



31.6236, 32.6456, 20.5940

Complementary

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



25.7062, 32.6456, 43.4744



23.4178, 18.5989, 13.1830

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.



34.7793, 32.6456, 22.9162



25.7062, 32.6456, 43.4744



37.6437, 32.6456, 37.2656

Square

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



25.7062, 32.6456, 43.4744



33.6860, 32.6456, 54.3427



37.0393, 32.6456, 28.6445



28.5148, 32.6456, 21.6757

Rectangle

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



25.7062, 32.6456, 43.4744



29.4003, 32.6456, 55.6354



37.0393, 32.6456, 28.6445



32.7161, 32.6456, 20.9881

Sweetspot

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



25.7072, 32.6469, 43.4752



60.7404, 67.7664, 78.8808



21.5255, 32.4564, 16.8853



13.2639, 14.9402, 17.5724



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.7072, 32.6469, 43.4752



42.9812, 56.3775, 77.6185



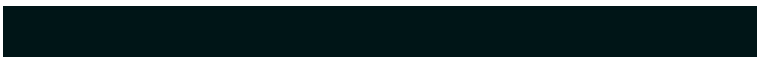
19.9474, 21.1272, 41.5552



8.1906, 8.9805, 10.2544



15.0008, 21.1354, 32.3334



0.4305, 0.6143, 0.9039

Inverse Universe

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



27.7705, 19.5963, 38.3966



47.2083, 30.3219, 67.0613



27.7781, 27.3194, 14.6364



8.3140, 8.1388, 9.9643



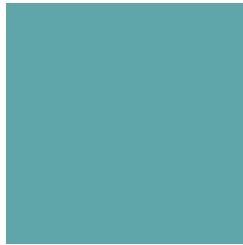
17.4353, 8.4367, 25.7357



0.4917, 0.2374, 0.7510

Previews

White Background



This preview shows how the XYZ color 25.7062, 32.6456, 43.4744 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 25.7062, 32.6456, 43.4744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

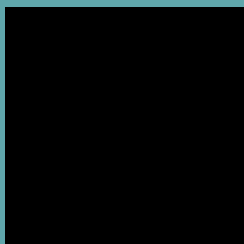
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

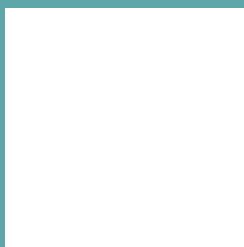
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7062, 32.6456, 43.4744

Background



This preview shows how black text looks on a background with the XYZ color 25.7062, 32.6456, 43.4744.

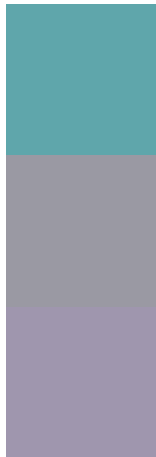


This preview shows how white text looks on a background with the XYZ color 25.7062, 32.6456,

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

25.7062, 32.6456, 43.4744

Protanopia

31.3285, 32.2968, 39.2331

Deuteranopia

32.8444, 32.2396, 44.5362



Tritanopia

26.4208, 32.6660, 47.0321

Trichromacy



Original Color

25.7062, 32.6456, 43.4744

Protanomaly

28.7827, 32.1934, 40.7733

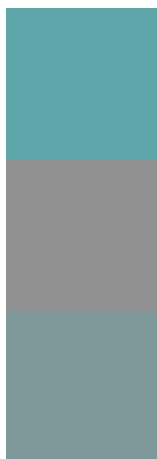
Deuteranomaly

29.5846, 32.0283, 44.1580

Tritanomaly

26.0169, 32.4922, 45.4578

Monochromacy



Original Color

25.7062, 32.6456, 43.4744

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.9764, 29.6276, 34.9214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7062, 32.6456, 43.4744 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(95, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(95, 166, 171)  
}
```

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(95, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 166, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.7062, 32.6456, 43.4744 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(95, 166, 171) }
```


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

```
.border{ border-color:rgb(95, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(95, 166,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7062, 32.6456, 43.4744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 166, 171) }
```

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

```
.background{ background-color: rgb(95, 166,  
171) }
```

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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