

Converting Colors

XYZ(25.5577, 32.4207, 40.6730)

Have a look what the booklet for
XYZ(25.5577, 32.4207, 40.6730)
contains.

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Color

**XYZ(25.5022, 32.3362,
40.4947)**

Conversions

Conversions Part 1

Format	Color
Hex	64A5A5
RGB	100, 165, 165
RGB Percent	39%, 65%, 65%
CMY	0.6078, 0.3529, 0.3529
CMYK	0.39, 0.00, 0.00, 0.35
HSL	180°, 27%, 52%
HSV	180°, 39%, 65%
XYZ	25.5022, 32.3362, 40.4947
YIQ	145.5650, -38.7400, -13.7800

Conversions

Conversions Part 2

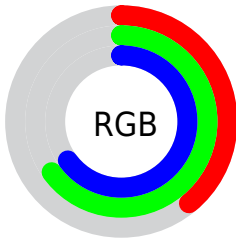
Format	Color
RYB	100, 133, 165
Decimal	6596005
CIELab	63.62, -20.70, -6.55
CIElCh	64, 21.711, 197.566
Yxy	32.3362, 0.2593, 0.3288
Android (android.graphics.Color)	4284786085 (0xFF64A5A5)
YUV	145.5650, 9.5815, -39.9605
Hunter-Lab	56.8649, -19.4618, -2.4162

Details

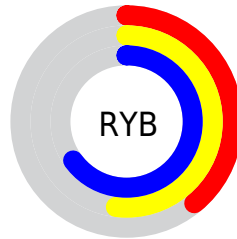
The XYZ color **25.5022, 32.3362, 40.4947** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.3756, 18.0348, 14.3595**, and the grayscale version is **27.1179, 28.5302, 31.0694**.

A 20% lighter version of the original color is **51.8379, 63.2237, 77.1814**, and **10.0125, 13.5834, 17.7169** is the 20% darker color. If you saturate the color by 10%, you get **23.8591, 31.4899, 40.4183**, and if you desaturate by 10%, it is **27.5169, 33.3756, 40.5899**.

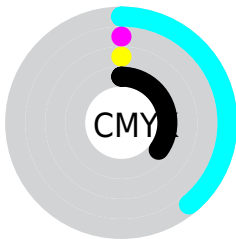
Distribution



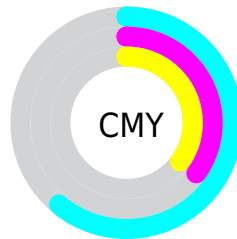
- Red (39%)
- Green (65%)
- Blue (65%)



- Red (39%)
- Yellow (52%)
- Blue (65%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (35%)



- Cyan (61%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5022, 32.3362, 40.4947 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 25.5022, 32.3362, 40.4947 by changing the saturation by 10% instead.

■ 25.5022, 32.3362,
40.4947

■ 25.5022, 32.3362,
40.4947

272.6315,
312.6479, 363.8182

■ 16.5823, 21.6184,
27.6077

■ 51.9078, 63.3378,
77.1615

■ 10.0306, 13.5768,
17.7937

■ 70.1243, 84.3904,
101.7785

■ 5.4817, 7.8269,
10.6341

■ 92.1703, 109.6567,
131.1426

■ 2.5702, 3.9844,
5.7103

■ 118.4113,
139.5211, 165.6723

■ 0.9308, 1.6648,
2.6038

149.2125,
174.3680, 205.7862

■ 0.0000, 0.4007,
0.8944

184.9394,

■ 0.0000, 0.0000,

214.5819, 251.9027

0.0000

225.9573,
260.5471, 304.4406

■ 25.5022, 32.3362,
40.4947

■ 25.5022, 32.3362,
40.4947

■ 23.8591, 31.4899,
40.4183

■ 27.5169, 33.3756,
40.5899

■ 22.5621, 30.8213,
40.3574

■ 29.9208, 34.6148,
40.7026

■ 21.5875, 30.3189,
40.3115

■ 32.7340, 36.0651,
40.8345

■ 20.9069, 29.9680,
40.2795

■ 35.9742, 37.7355,
40.9864

■ 20.4873, 29.7517,
40.2596

■ 39.6583, 39.6347,
41.1590

■ 20.2596, 29.6343,
40.2488

■ 43.8020, 41.7708,
41.3531

■ 20.2470, 29.6279,
40.2482

■ 48.4205, 44.1517,
41.5695

■ 53.5281, 46.7848,
41.8087

■ 59.1386, 49.6771,
42.0715

Harmonies

Analogous

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



25.3830, 32.3362, 31.7327



25.5022, 32.3362, 40.4947



26.9644, 32.3362, 49.0332

Triad

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



25.5022, 32.3362, 40.4947



35.2438, 32.3362, 47.7262



32.0078, 32.3362, 21.2850

Complementary

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



25.5022, 32.3362, 40.4947



22.3756, 18.0348, 14.3595

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.



34.8408, 32.3362, 24.2624



25.5022, 32.3362, 40.4947



36.7899, 32.3362, 38.9296

Square

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



25.5022, 32.3362, 40.4947



32.5288, 32.3362, 53.6571



36.6378, 32.3362, 30.4038



29.0076, 32.3362, 21.5629

Rectangle

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



25.5022, 32.3362, 40.4947



28.5619, 32.3362, 53.0169



36.6378, 32.3362, 30.4038



33.0148, 32.3362, 21.9149

Sweetspot

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



25.5032, 32.3375, 40.4955



57.1217, 63.8141, 73.0586



21.1326, 30.6032, 16.8505



12.3514, 13.8807, 15.9656



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.



25.5032, 32.3375, 40.4955



43.1380, 56.6053, 72.4028



20.5157, 22.3623, 38.8338



7.2761, 8.0113, 9.0659



15.3165, 22.4130, 30.4470



0.3218, 0.4709, 0.6398

Inverse Universe

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



22.3756, 18.0348, 14.3595



36.7645, 27.4584, 19.1416



25.9908, 25.2654, 15.5642



7.0738, 7.0860, 7.3750



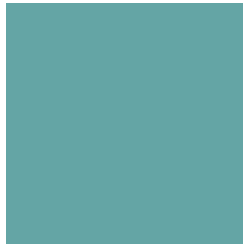
11.7389, 6.0516, 0.5495



0.2467, 0.1272, 0.0116

Previews

White Background



This preview shows how the XYZ color 25.5022, 32.3362, 40.4947 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 25.5022, 32.3362, 40.4947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

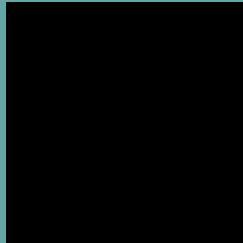
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5022, 32.3362, 40.4947

Background



This preview shows how black text looks on a background with the XYZ color 25.5022, 32.3362, 40.4947.

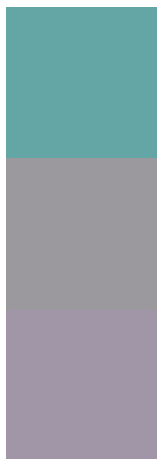


This preview shows how white text looks on a background with the XYZ color 25.5022, 32.3362,

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

25.5022, 32.3362, 40.4947

Protanopia

31.0804, 32.2197, 36.9287

Deuteranopia

32.5133, 31.8991, 41.4893



Tritanopia

26.5272, 32.2125, 45.8938

Trichromacy



Original Color

25.5022, 32.3362, 40.4947

Protanomaly

28.4817, 31.8380, 38.3624

Deuteranomaly

29.3439, 31.7217, 41.1355

Tritanomaly

26.2013, 32.3543, 43.8938

Monochromacy



Original Color

25.5022, 32.3362, 40.4947

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.1943, 29.7495, 34.4986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5022, 32.3362, 40.4947 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(100, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(100, 165, 165)  
}
```

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(100, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 165, 165) }
```

Border

The CSS property to change the border of an element to XYZ 25.5022, 32.3362, 40.4947 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(100, 165, 165) }
```


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

```
.border{ border-color:rgb(100, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(100, 165,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5022, 32.3362, 40.4947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 165, 165) }
```

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

```
.background{ background-color: rgb(100,  
165, 165) }
```

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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