

Converting Colors

XYZ(25.6195, 31.4510, 44.7825)

Have a look what the booklet for
XYZ(25.6195, 31.4510, 44.7825)
contains.

XYZ(25.7059, 31.5493, 44.7792)	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(25.7059, 31.5493,
44.7792)**

Conversions

Conversions Part 1

Format	Color
Hex	63A2AE
RGB	99, 162, 174
RGB Percent	39%, 64%, 68%
CMY	0.6118, 0.3647, 0.3176
CMYK	0.43, 0.07, 0.00, 0.32
HSL	190°, 32%, 54%
HSV	190°, 43%, 68%
XYZ	25.7059, 31.5493, 44.7792
YIQ	144.5310, -41.4000, -9.6240

Conversions

Conversions Part 2

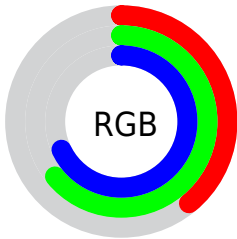
Format	Color
R_{YB}	99, 133, 174
Decimal	6529710
CIE _{Lab}	62.97, -17.04, -12.58
CIE _{LCh}	63, 21.176, 216.441
Yxy	31.5493, 0.2519, 0.3092
Android (android.graphics.Color)	4284719790 (0xFF63A2AE)
YUV	144.5310, 14.5282, -39.9307
Hunter-Lab	56.1688, -16.6040, -7.9494

Details

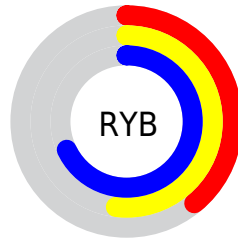
The XYZ color **25.7059, 31.5493, 44.7792** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.3927, 21.2689, 14.5722**, and the grayscale version is **26.6794, 28.0688, 30.5670**.

A 20% lighter version of the original color is **52.0926, 62.0552, 83.3610**, and **10.1275, 13.0925, 20.4057** is the 20% darker color. If you saturate the color by 10%, you get **23.5212, 29.7038, 44.5387**, and if you desaturate by 10%, it is **28.3130, 33.6301, 45.0440**.

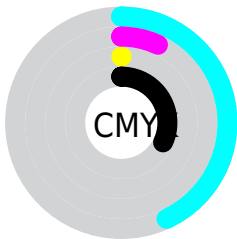
Distribution



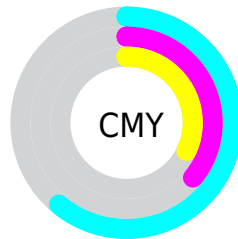
- Red (39%)
- Green (64%)
- Blue (68%)



- Red (39%)
- Yellow (52%)
- Blue (68%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (32%)



- Cyan (61%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7059, 31.5493, 44.7792 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 25.7059, 31.5493, 44.7792 by changing the saturation by 10% instead.

■ 25.7059, 31.5493,
44.7792

■ 25.7059, 31.5493,
44.7792

273.6186,
309.0610, 382.0126

■ 16.7353, 21.0175,
30.9419

■ 52.2348, 62.1039,
83.7039

■ 10.1401, 13.1368,
20.2965

■ 70.5238, 82.8954,
109.6284

■ 5.5549, 7.5228,
12.4245

■ 92.6496, 107.8756,
140.4190

■ 2.6144, 3.7912,
6.9075

■ 118.9776,
137.4289, 176.4942

■ 0.9533, 1.5574,
3.3267

149.8732,
171.9398, 218.2726

■ 0.0000, 0.3286,
1.2638

185.7016,

■ 0.0000, 0.0000,

211.7924, 266.1728

0.0318

226.8283,
257.3714, 320.6133

■ 0.0000, 0.0000,
0.0000

■ 25.7059, 31.5493,
44.7792

■ 25.7059, 31.5493,
44.7792

■ 23.5212, 29.7038,
44.5387

■ 28.3130, 33.6301,
45.0440

■ 21.7293, 28.0762,
44.3190

■ 31.3637, 35.9551,
45.3320

■ 20.3015, 26.6521,
44.1193

■ 34.8816, 38.5372,
45.6449

■ 19.2036, 25.4139,
43.9382

■ 38.8874, 41.3872,
45.9839

■ 18.3949, 24.3405,
43.7736

■ 43.4006, 44.5154,
46.3499

■ 17.9443, 23.6644,
43.6669

■ 48.4399, 47.9314,
46.7436

■ 54.0227, 51.6443,
47.1660

■ 60.1657, 55.6628,
47.6179

■ 66.6623, 59.8805,
48.0896

Harmonies

Analogous

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



24.7621, 31.5493, 36.1814



25.7059, 31.5493, 44.7792



27.8049, 31.5493, 51.2384

Triad

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



25.7059, 31.5493, 44.7792



35.4149, 31.5493, 41.1648



29.3632, 31.5493, 20.7594

Complementary

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



25.7059, 31.5493, 44.7792



25.3927, 21.2689, 14.5722

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.



32.2797, 31.5493, 21.6546



25.7059, 31.5493, 44.7792



35.8989, 31.5493, 32.5850

Square

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



25.7059, 31.5493, 44.7792



33.4354, 31.5493, 48.9268



34.7181, 31.5493, 25.6836



26.7836, 31.5493, 23.0035

Rectangle

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



25.7059, 31.5493, 44.7792



29.6406, 31.5493, 52.9611



34.7181, 31.5493, 25.6836



30.3354, 31.5493, 20.7092

Sweetspot

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



25.7069, 31.5505, 44.7799



63.1837, 69.8388, 82.7870



23.1105, 34.0567, 20.1797



13.7187, 15.2871, 18.3720



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.7069, 31.5505, 44.7799



42.7299, 53.9363, 80.7955



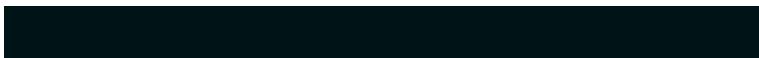
20.1517, 20.4401, 42.9282



8.1256, 8.8506, 10.2328



13.0510, 17.2358, 31.6835



0.3918, 0.5369, 0.8910

Inverse Universe

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



28.4398, 20.5318, 36.6478



48.5184, 31.8039, 63.3012



30.2591, 31.0018, 16.1943



8.2812, 8.1257, 9.7916



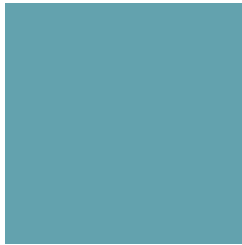
16.4512, 8.0430, 20.5531



0.4721, 0.2295, 0.6481

Previews

White Background



This preview shows how the XYZ color 25.7059, 31.5493, 44.7792 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 25.7059, 31.5493, 44.7792 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

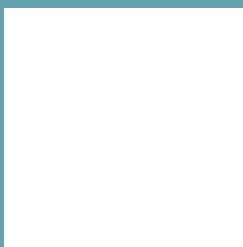
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7059, 31.5493, 44.7792

Background



This preview shows how black text looks on a background with the XYZ color 25.7059, 31.5493, 44.7792.



This preview shows how white text looks on a background with the XYZ color 25.7059, 31.5493,

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

25.7059, 31.5493, 44.7792

Protanopia

30.6193, 31.4073, 41.0076

Deuteranopia

31.8521, 31.2242, 45.9430



Tritanopia

25.8038, 31.5885, 45.2946

Trichromacy



Original Color

25.7059, 31.5493, 44.7792

Protanomaly

28.3371, 31.1703, 42.5531

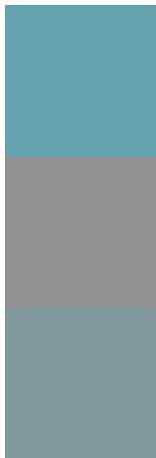
Deuteranomaly

29.0592, 30.9854, 45.5235

Tritanomaly

25.8038, 31.5885, 45.2946

Monochromacy



Original Color

25.7059, 31.5493, 44.7792

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.9694, 29.1227, 35.7050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7059, 31.5493, 44.7792 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(99, 162, 174) looks like.

```
.text, #text, p{  
    color:rgb(99, 162, 174)  
}
```

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(99, 162, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 162, 174) }
```

Border

The CSS property to change the border of an element to XYZ 25.7059, 31.5493, 44.7792 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(99, 162, 174) }
```


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

```
.border{ border-color:rgb(99, 162, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 162, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 162, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 162, 174);  
box-shadow:4px 4px 4px 4px rgb(99, 162,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7059, 31.5493, 44.7792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 162, 174) }
```

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

```
.background{ background-color: rgb(99, 162,  
174) }
```

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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