

Converting Colors

XYZ(24.2021, 31.5101, 37.5264)

Have a look what the booklet for
XYZ(24.2021, 31.5101, 37.5264)
contains.

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Color

**XYZ(24.1496, 31.4338,
37.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA49F
RGB	94, 164, 159
RGB Percent	37%, 64%, 62%
CMY	0.6314, 0.3569, 0.3765
CMYK	0.43, 0.00, 0.03, 0.36
HSL	176°, 28%, 51%
HSV	176°, 43%, 64%
XYZ	24.1496, 31.4338, 37.5954
YIQ	142.5000, -40.1150, -16.3950

Conversions

Conversions Part 2

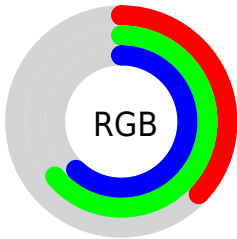
Format	Color
R_{YB}	94, 130, 164
Decimal	6202527
CIE _{Lab}	62.87, -23.28, -4.32
CIE _{LCh}	63, 23.679, 190.520
Y _{xy}	31.4338, 0.2592, 0.3373
Android (android.graphics.Color)	4284392607 (0xFF5EA49F)
Y _{UV}	142.5000, 8.1345, -42.5345
Hunter-Lab	56.0659, -21.2288, -0.5113

Details

The XYZ color **24.1496, 31.4338, 37.5954** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5658, 16.7998, 13.9117**, and the grayscale version is **25.8903, 27.2386, 29.6628**.

A 20% lighter version of the original color is **49.6819, 61.8140, 72.9311**, and **9.3376, 13.1024, 16.2242** is the 20% darker color. If you saturate the color by 10%, you get **22.5423, 30.6177, 36.9925**, and if you desaturate by 10%, it is **26.1170, 32.4370, 38.2216**.

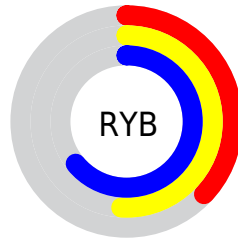
Distribution



Red (37%)

Green (64%)

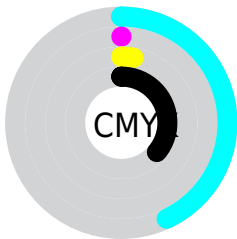
Blue (62%)



Red (37%)

Yellow (51%)

Blue (64%)

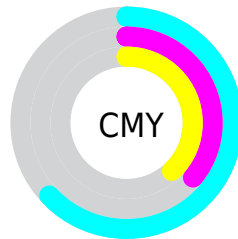


Cyan (43%)

Magenta (0%)

Yellow (3%)

Black (36%)



Cyan (63%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1496, 31.4338, 37.5954 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 24.1496, 31.4338, 37.5954 by changing the saturation by 10% instead.

■ 24.1496, 31.4338,
37.5954

■ 24.1496, 31.4338,
37.5954

266.0024,
308.5319, 351.1271

■ 15.5700, 20.9294,
25.3694

■ 49.7271, 61.9224,
72.6841

■ 9.3093, 13.0724,
16.1310

■ 67.4557, 82.6754,
96.3839

■ 5.0022, 7.4784,
9.4615

■ 88.9647, 107.6134,
124.7454

■ 2.2833, 3.7631,
4.9425

■ 114.6193,
137.1207, 158.1871

■ 0.7861, 1.5419,
2.1554

144.7851,
171.5819, 197.1276

■ 0.0000, 0.3180,
0.6485

179.8273,

■ 0.0000, 0.0000,

211.3812, 241.9854

0.0000

220.1113,
256.9030, 293.1791

■ 24.1496, 31.4338,
37.5954

■ 24.1496, 31.4338,
37.5954

■ 22.5423, 30.6177,
36.9925

■ 26.1170, 32.4370,
38.2216

■ 21.2695, 29.9731,
36.4096

■ 28.4627, 33.6343,
38.8698

■ 20.3068, 29.4883,
35.8461

■ 31.2067, 35.0369,
39.5418

■ 19.6248, 29.1481,
35.3009

■ 34.3670, 36.6539,
40.2383

■ 19.1891, 28.9347,
34.7721

■ 37.9604, 38.4941,
40.9601

■ 18.9668, 28.8283,
34.3928

■ 42.0028, 40.5657,
41.7081

■ 46.5094, 42.8764,
42.4829

■ 51.4944, 45.4337,
43.2852

■ 56.9718, 48.2447,
44.1157

Harmonies

Analogous

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



24.3693, 31.4338, 28.6033



24.1496, 31.4338, 37.5954



25.3780, 31.4338, 47.2064

Triad

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



24.1496, 31.4338, 37.5954



34.1194, 31.4338, 49.6961



32.0075, 31.4338, 19.9858

Complementary

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



24.1496, 31.4338, 37.5954



21.5658, 16.7998, 13.9117

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.



34.8784, 31.4338, 23.8742



24.1496, 31.4338, 37.5954



36.1574, 31.4338, 40.5413

Square

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



24.1496, 31.4338, 37.5954



31.0313, 31.4338, 54.9862



36.4448, 31.4338, 31.0643



28.7515, 31.4338, 19.4850

Rectangle

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



24.1496, 31.4338, 37.5954



26.9087, 31.4338, 52.2692



36.4448, 31.4338, 31.0643



33.0557, 31.4338, 20.9017

Sweetspot

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



24.1505, 31.4350, 37.5961



56.3433, 63.4420, 71.7025



20.5340, 30.0602, 15.3104



12.0761, 13.7461, 15.6186



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.



24.1505, 31.4350, 37.5961



41.1065, 55.6706, 67.2230



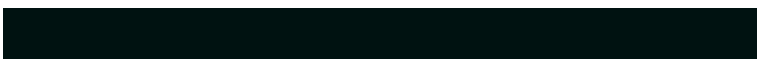
19.9587, 22.3426, 38.3839



7.2542, 8.0025, 8.9502



14.5496, 22.1062, 26.4086



0.3118, 0.4669, 0.5867

Inverse Universe

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



21.5658, 16.7998, 13.9117



35.8046, 25.6078, 18.6088



24.4350, 22.9091, 13.7245



7.0934, 7.0938, 7.4780



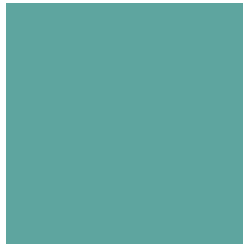
11.7957, 6.0744, 0.8490



0.2536, 0.1300, 0.0483

Previews

White Background



This preview shows how the XYZ color 24.1496, 31.4338, 37.5954 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 24.1496, 31.4338, 37.5954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

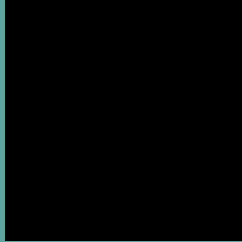
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.1496, 31.4338, 37.5954

Background



This preview shows how black text looks on a background with the XYZ color 24.1496, 31.4338, 37.5954.



This preview shows how white text looks on a background with the XYZ color 24.1496, 31.4338,

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

24.1496, 31.4338, 37.5954

Protanopia

29.9789, 31.2376, 33.7276

Deuteranopia

31.7425, 31.0888, 38.9781



Tritanopia

25.6952, 31.5325, 45.2895

Trichromacy



Original Color

24.1496, 31.4338, 37.5954

Protanomaly

27.2369, 31.0156, 35.1229

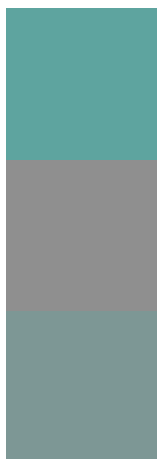
Deuteranomaly

28.2293, 30.7095, 38.6221

Tritanomaly

25.1884, 31.6003, 42.3080

Monochromacy



Original Color

24.1496, 31.4338, 37.5954

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.9489, 28.6631, 32.6514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1496, 31.4338, 37.5954 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(94, 164, 159)` looks like.

```
.text, #text, p{  
    color:rgb(94, 164, 159)  
}
```

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(94, 164, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 164, 159) }
```

Border

The CSS property to change the border of an element to XYZ 24.1496, 31.4338, 37.5954 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(94, 164, 159) }
```


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

```
.border{ border-color:rgb(94, 164, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 164, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 164, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 164, 159);  
box-shadow:4px 4px 4px 4px rgb(94, 164,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1496, 31.4338, 37.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 164, 159) }
```

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

```
.background{ background-color: rgb(94, 164,  
159) }
```

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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