

Converting Colors

XYZ(25.2485, 31.1732, 44.8558)

Have a look what the booklet for
XYZ(25.2485, 31.1732, 44.8558)
contains.

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Color

**XYZ(25.1042, 30.9786,
44.7007)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA1AE
RGB	95, 161, 174
RGB Percent	37%, 63%, 68%
CMY	0.6274, 0.3686, 0.3176
CMYK	0.45, 0.07, 0.00, 0.32
HSL	190°, 33%, 53%
HSV	190°, 45%, 68%
XYZ	25.1042, 30.9786, 44.7007
YIQ	142.7480, -43.5090, -9.9490

Conversions

Conversions Part 2

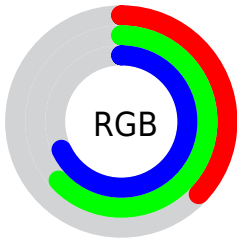
Format	Color
RYB	95, 131, 174
Decimal	6267310
CIELab	62.49, -17.51, -13.32
CIELCh	62, 22.002, 217.250
Yxy	30.9786, 0.2491, 0.3074
Android (android.graphics.Color)	4284457390 (0xFF5FA1AE)
YUV	142.7480, 15.4072, -41.8750
Hunter-Lab	55.6584, -16.8915, -8.6564

Details

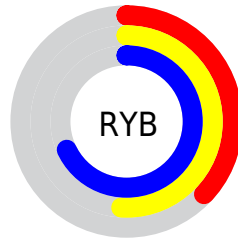
The XYZ color **25.1042, 30.9786, 44.7007** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.8844, 20.5508, 13.4826**, and the grayscale version is **25.9618, 27.3139, 29.7448**.

A 20% lighter version of the original color is **51.2764, 61.2529, 83.2492**, and **9.8182, 12.7738, 20.3605** is the 20% darker color. If you saturate the color by 10%, you get **23.0003, 29.1604, 44.4612**, and if you desaturate by 10%, it is **27.6252, 33.0302, 44.9644**.

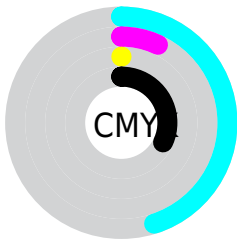
Distribution



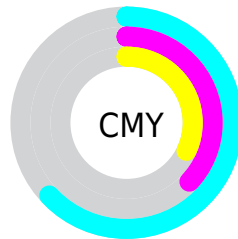
- Red (37%)
- Green (63%)
- Blue (68%)



- Red (37%)
- Yellow (51%)
- Blue (68%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (32%)



- Cyan (63%)
- Magenta (37%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1042, 30.9786, 44.7007 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 25.1042, 30.9786, 44.7007 by changing the saturation by 10% instead.

■ 25.1042, 30.9786,
44.7007

■ 25.1042, 30.9786,
44.7007

270.6945,
306.4397, 381.6848

■ 16.2838, 20.5826,
30.8805

■ 51.2679, 61.2064,
83.5848

■ 9.8174, 12.8192,
20.2502

■ 69.3419, 81.8069,
109.4858

■ 5.3394, 7.3042,
12.3912

■ 91.2313, 106.5777,
140.2507

■ 2.4845, 3.6530,
6.8849

■ 117.3012,
135.9032, 176.2983

■ 0.8875, 1.4814,
3.3129

147.9172,
170.1677, 218.0469

■ 0.0000, 0.2756,
1.2565

183.4445,

■ 0.0000, 0.0000,

209.7557, 265.9152

0.0258

224.2485,
255.0516, 320.3216

■ 0.0000, 0.0000,
0.0000

■ 25.1042, 30.9786,
44.7007

■ 25.1042, 30.9786,
44.7007

■ 23.0003, 29.1604,
44.4612

■ 27.6252, 33.0302,
44.9644

■ 21.2833, 27.5579,
44.2424

■ 30.5851, 35.3245,
45.2512

■ 19.9236, 26.1563,
44.0435

■ 34.0077, 37.8746,
45.5630

■ 18.8857, 24.9373,
43.8629

■ 37.9143, 40.6915,
45.9009

■ 18.1254, 23.8780,
43.6985

■ 42.3245, 43.7856,
46.2656

■ 17.8221, 23.4202,
43.6261

■ 47.2573, 47.1665,
46.6582

■ 52.7302, 50.8436,
47.0795

■ 58.7603, 54.8256,
47.5303

■ 65.3637, 59.1211,
48.0114

Harmonies

Analogous

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



24.1054, 30.9786, 35.8495



25.1042, 30.9786, 44.7007



27.2781, 30.9786, 51.2908

Triad

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



25.1042, 30.9786, 44.7007



35.0659, 30.9786, 40.5010



28.7252, 30.9786, 19.9008

Complementary

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



25.1042, 30.9786, 44.7007



24.8844, 20.5508, 13.4826

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.



31.7221, 30.9786, 20.7196



25.1042, 30.9786, 44.7007



35.5184, 30.9786, 31.6966

Square

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



25.1042, 30.9786, 44.7007



33.0600, 30.9786, 48.5941



34.2577, 30.9786, 24.7201



26.1022, 30.9786, 22.2564

Rectangle

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



25.1042, 30.9786, 44.7007



29.1695, 30.9786, 52.9764



34.2577, 30.9786, 24.7201



29.7207, 30.9786, 19.8217

Sweetspot

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



25.1052, 30.9798, 44.7014



62.4572, 69.2640, 82.7143



22.5021, 33.7641, 19.2007



13.5682, 15.1651, 18.3564



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.



25.1052, 30.9798, 44.7014



41.8740, 53.0315, 80.6660



19.3998, 19.5691, 42.7997



8.1225, 8.8443, 10.2317



12.9632, 17.0602, 31.6542



0.3900, 0.5333, 0.8904

Inverse Universe

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



27.9816, 19.7573, 36.0581



47.8893, 30.7980, 62.3141



29.8548, 30.4916, 15.1394



8.2796, 8.1251, 9.7833



16.4069, 8.0253, 20.3197



0.4712, 0.2292, 0.6433

Previews

White Background



This preview shows how the XYZ color 25.1042, 30.9786, 44.7007 looks on a white background.

Color Contrast Check

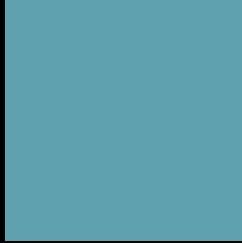
Large Text (above 18pt) WCAG AA × Fail

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 25.1042, 30.9786, 44.7007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

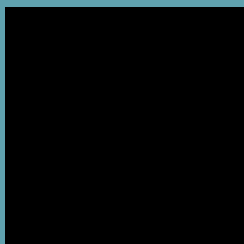
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

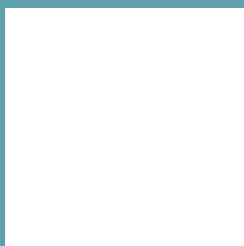
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1042, 30.9786, 44.7007

Background



This preview shows how black text looks on a background with the XYZ color 25.1042, 30.9786, 44.7007.



This preview shows how white text looks on a background with the XYZ color 25.1042, 30.9786,

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

25.1042, 30.9786, 44.7007

Protanopia

29.8431, 30.5440, 40.3991

Deuteranopia

31.3184, 30.7172, 45.8733



Tritanopia

25.1042, 30.9786, 44.7007

Trichromacy



Original Color

25.1042, 30.9786, 44.7007

Protanomaly

27.6059, 30.3142, 41.9323

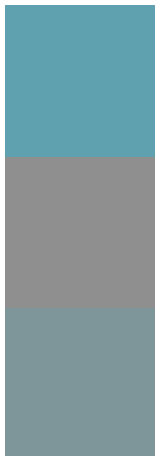
Deuteranomaly

28.4248, 30.4164, 45.4471

Tritanomaly

25.1042, 30.9786, 44.7007

Monochromacy



Original Color

25.1042, 30.9786, 44.7007

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.3433, 28.5814, 34.7529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1042, 30.9786, 44.7007 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, 161, 174)` looks like.

```
.text, #text, p{  
    color:rgb(95, 161, 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(95, 161, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 161, 174) }
```

Border

The CSS property to change the border of an element to XYZ 25.1042, 30.9786, 44.7007 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, 161, 174) }
```


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

```
.border{ border-color:rgb(95, 161, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 161, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 161, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 161, 174);  
box-shadow:4px 4px 4px 4px rgb(95, 161,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1042, 30.9786, 44.7007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 161, 174) }
```

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

```
.background{ background-color: rgb(95, 161,  
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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