

Converting Colors

XYZ(25.1688, 30.3525, 31.6495)

Have a look what the booklet for
XYZ(25.1688, 30.3525, 31.6495)
contains.

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Color

**XYZ(25.1304, 30.2542,
31.7093)**

Conversions

Conversions Part 1

Format	Color
Hex	799D92
RGB	121, 157, 146
RGB Percent	47%, 62%, 57%
CMY	0.5255, 0.3843, 0.4274
CMYK	0.23, 0.00, 0.07, 0.38
HSL	162°, 16%, 55%
HSV	162°, 23%, 62%
XYZ	25.1304, 30.2542, 31.7093
YIQ	144.9820, -17.9250, -11.0530

Conversions

Conversions Part 2

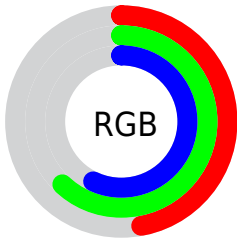
Format	Color
RYB	121, 142, 157
Decimal	7970194
CIELab	61.87, -14.74, 1.70
CIELCh	62, 14.841, 173.439
Yxy	30.2542, 0.2885, 0.3474
Android (android.graphics.Color)	4286160274 (0xFF799D92)
YUV	144.9820, 0.5019, -21.0322
Hunter-Lab	55.0038, -14.7028, 4.3224

Details

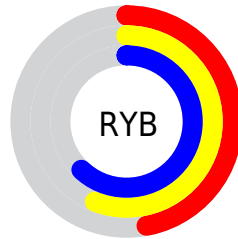
The XYZ color **25.1304, 30.2542, 31.7093** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.9079, 22.5095, 24.8629**, and the grayscale version is **26.9102, 28.3116, 30.8314**.

A 20% lighter version of the original color is **51.4244, 60.2558, 63.5638**, and **9.8639, 12.4922, 12.9577** is the 20% darker color. If you saturate the color by 10%, you get **22.7415, 29.0657, 29.6904**, and if you desaturate by 10%, it is **27.8948, 31.6361, 33.8289**.

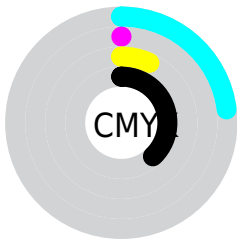
Distribution



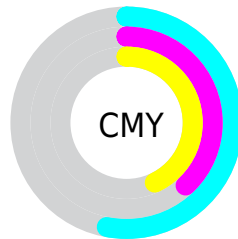
- Red (47%)
- Green (62%)
- Blue (57%)



- Red (47%)
- Yellow (56%)
- Blue (62%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (38%)



- Cyan (53%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1304, 30.2542, 31.7093 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 25.1304, 30.2542, 31.7093 by changing the saturation by 10% instead.

■ 25.1304, 30.2542,
31.7093

■ 25.1304, 30.2542,
31.7093

270.8224,
303.0875, 324.2447

■ 16.3035, 20.0316,
20.8766

■ 51.3101, 60.0639,
63.4477

■ 9.8314, 12.4180,
12.8434

■ 69.3935, 80.4199,
85.1904

■ 5.3487, 7.0290,
7.1914

■ 91.2932, 104.9224,
111.4069

■ 2.4901, 3.4803,
3.5018

117.3745,
133.9559, 142.5157

■ 0.8903, 1.3873,
1.3562

148.0026,
167.9048, 178.9354

■ 0.0000, 0.2073,
0.1072

183.5431,

■ 0.0000, 0.0000,

207.1534, 221.0844

0.0000

224.3613,
252.0862, 269.3813

■ 25.1304, 30.2542,
31.7093

■ 25.1304, 30.2542,
31.7093

■ 22.7415, 29.0657,
29.6904

■ 27.8948, 31.6361,
33.8289

■ 20.7080, 28.0579,
27.7682

■ 31.0484, 33.2160,
36.0488

■ 19.0119, 27.2222,
25.9416

■ 34.6075, 35.0030,
38.3714

■ 17.6325, 26.5479,
24.2086

■ 38.5865, 37.0047,
40.7983

■ 16.5465, 26.0233,
22.5671

■ 42.9992, 39.2280,
43.3311

■ 15.7277, 25.6347,
21.0147

■ 47.8587, 41.6798,
45.9713

■ 15.1447, 25.3660,
19.5488

■ 53.1775, 44.3664,
48.7204

■ 14.8191, 25.2197,
18.5617

■ 58.9678, 47.2941,
51.5798

■ 62.5027, 49.0571,
54.4228

Harmonies

Analogous

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



25.7995, 30.2542, 26.8537



25.1304, 30.2542, 31.7093



25.3962, 30.2542, 37.4808

Triad

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



25.1304, 30.2542, 31.7093



30.2998, 30.2542, 44.0149



31.0881, 30.2542, 24.9233

Complementary

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



25.1304, 30.2542, 31.7093



24.9079, 22.5095, 24.8629

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.



32.3991, 30.2542, 28.7846



25.1304, 30.2542, 31.7093



31.9296, 30.2542, 39.8866

Square

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



25.1304, 30.2542, 31.7093



28.3221, 30.2542, 45.0294



32.7139, 30.2542, 34.2056



29.1937, 30.2542, 23.2375

Rectangle

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



25.1304, 30.2542, 31.7093



26.0741, 30.2542, 41.0381



32.7139, 30.2542, 34.2056



31.6151, 30.2542, 25.9870

Sweetspot

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



25.1313, 30.2555, 31.7100



53.1410, 58.2500, 62.8634



25.0875, 30.4336, 22.6415



11.6275, 12.7845, 13.7865



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.1313, 30.2555, 31.7100



42.5249, 52.9461, 54.7368



24.9422, 28.4410, 36.0748



6.7354, 7.4749, 8.0415



12.0523, 20.4889, 15.1644



0.2333, 0.3735, 0.3651

Inverse Universe

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



24.9079, 22.5095, 24.8629



42.0481, 36.3600, 40.0830



25.0238, 23.8835, 21.3806



6.7124, 6.6779, 7.3364



11.7410, 6.0009, 2.8869



0.2275, 0.1143, 0.1443

Previews

White Background



This preview shows how the XYZ color 25.1304, 30.2542, 31.7093 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 25.1304, 30.2542, 31.7093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

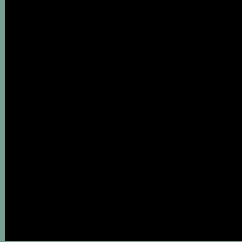
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

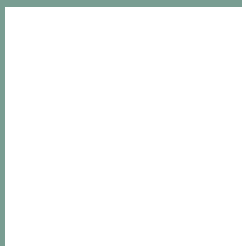
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1304, 30.2542, 31.7093

Background



This preview shows how black text looks on a background with the XYZ color 25.1304, 30.2542, 31.7093.



This preview shows how white text looks on a background with the XYZ color 25.1304, 30.2542,

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

25.1304, 30.2542, 31.7093

Protanopia

28.7240, 29.9729, 29.4707

Deuteranopia

30.5023, 29.9030, 32.5980



Tritanopia

26.8960, 30.2244, 40.4927

Trichromacy



Original Color

25.1304, 30.2542, 31.7093

Protanomaly

27.1799, 29.8672, 30.3190

Deuteranomaly

28.3055, 29.9289, 32.3020

Tritanomaly

26.2915, 30.2310, 37.2503

Monochromacy



Original Color

25.1304, 30.2542, 31.7093

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.0116, 28.7735, 30.9709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1304, 30.2542, 31.7093 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(121, 157, 146)` looks like.

```
.text, #text, p{  
    color:rgb(121, 157, 146)  
}
```

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(121, 157, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 157, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.1304, 30.2542, 31.7093 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(121, 157, 146) }
```


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

```
.border{ border-color:rgb(121, 157, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 157, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 157, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 157, 146); box-shadow:4px 4px 4px 4px rgb(121, 157, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1304, 30.2542, 31.7093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 157, 146) }
```

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

```
.background{ background-color: rgb(121,  
157, 146) }
```

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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