

Converting Colors

XYZ(25.1806, 28.3502, 36.9765)

Have a look what the booklet for
XYZ(25.1806, 28.3502, 36.9765)
contains.

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Color

**XYZ(25.1904, 28.4535,
36.9653)**

Conversions

Conversions Part 1

Format	Color
Hex	7A969F
RGB	122, 150, 159
RGB Percent	48%, 59%, 62%
CMY	0.5216, 0.4118, 0.3765
CMYK	0.23, 0.06, 0.00, 0.38
HSL	195°, 16%, 55%
HSV	195°, 23%, 62%
XYZ	25.1904, 28.4535, 36.9653
YIQ	142.6540, -19.5770, -3.1370

Conversions

Conversions Part 2

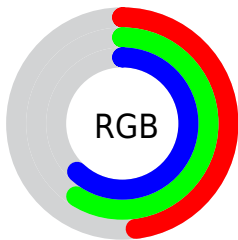
Format	Color
RYB	122, 138, 159
Decimal	8033951
CIELab	60.30, -7.69, -7.98
CIELCh	60, 11.082, 226.037
Yxy	28.4535, 0.2780, 0.3140
Android (android.graphics.Color)	4286224031 (0xFF7A969F)
YUV	142.6540, 8.0586, -18.1136
Hunter-Lab	53.3418, -9.0525, -3.7480

Details

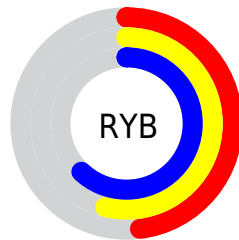
The XYZ color **25.1904, 28.4535, 36.9653** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.9275, 25.0087, 21.8736**, and the grayscale version is **25.9458, 27.2970, 29.7264**.

A 20% lighter version of the original color is **51.4097, 57.1547, 71.9407**, and **9.8411, 11.3841, 15.8660** is the 20% darker color. If you saturate the color by 10%, you get **22.5140, 26.1735, 36.6667**, and if you desaturate by 10%, it is **28.2572, 30.9664, 37.2892**.

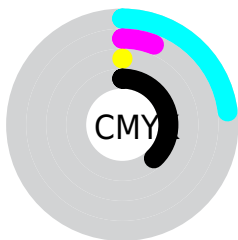
Distribution



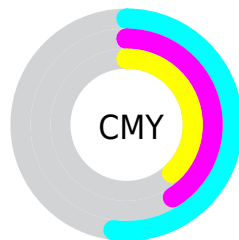
- Red (48%)
- Green (59%)
- Blue (62%)



- Red (48%)
- Yellow (54%)
- Blue (62%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (52%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1904, 28.4535, 36.9653 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 25.1904, 28.4535, 36.9653 by changing the saturation by 10% instead.

■ 25.1904, 28.4535,
36.9653

■ 25.1904, 28.4535,
36.9653

271.1150,
294.6276, 348.3244

■ 16.3485, 18.6678,
24.8850

■ 51.4066, 57.2077,
71.7051

■ 9.8635, 11.4305,
15.7732

■ 69.5116, 76.9449,
95.2018

■ 5.3701, 6.3572,
9.2112

■ 91.4349, 100.7681,
123.3410

■ 2.5030, 3.0635,
4.7805

117.5420,
129.0617, 156.5414

■ 0.8968, 1.1650,
2.0626

148.1983,
162.2101, 195.2213

■ 0.0000, 0.0328,
0.5934

183.7689,

■ 0.0000, 0.0000,

200.5976, 239.7995

0.0000

224.6194,
244.6086, 290.6943

■ 25.1904, 28.4535,
36.9653

■ 25.1904, 28.4535,
36.9653

■ 22.5140, 26.1735,
36.6667

■ 28.2572, 30.9664,
37.2892

■ 20.2074, 24.1134,
36.3907

■ 31.7289, 33.7178,
37.6373

■ 18.2518, 22.2639,
36.1368

■ 35.6219, 36.7173,
38.0110

■ 16.6258, 20.6137,
35.9039

■ 39.9514, 39.9728,
38.4112

■ 15.3055, 19.1501,
35.6910

■ 44.7315, 43.4919,
38.8385

■ 14.2635, 17.8587,
35.4967

■ 49.9758, 47.2820,
39.2937

■ 13.4672, 16.7224,
35.3193

■ 55.6973, 51.3500,
39.7773

■ 13.0148, 16.0166,
35.2069

■ 61.9084, 55.7024,
40.2901

■ 64.8061, 58.3792,
40.6540

Harmonies

Analogous

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



24.5009, 28.4535, 33.1947



25.1904, 28.4535, 36.9653



26.3899, 28.4535, 39.2174

Triad

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



25.1904, 28.4535, 36.9653



29.7850, 28.4535, 32.9090



26.2960, 28.4535, 24.0489

Complementary

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



25.1904, 28.4535, 36.9653



25.9275, 25.0087, 21.8736

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.



27.7093, 28.4535, 23.9870



25.1904, 28.4535, 36.9653



29.7577, 28.4535, 28.8680

Square

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



25.1904, 28.4535, 36.9653



29.0601, 28.4535, 36.7404



28.9868, 28.4535, 25.6802



25.1237, 28.4535, 25.8574

Rectangle

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



25.1904, 28.4535, 36.9653



27.3327, 28.4535, 39.4377



28.9868, 28.4535, 25.6802



26.7577, 28.4535, 23.8289

Sweetspot

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



25.1912, 28.4547, 36.9659



54.3329, 58.4293, 67.1578



24.4966, 30.5632, 25.9514



12.1724, 13.1121, 15.1330



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.1912, 28.4547, 36.9659



42.5066, 48.7587, 65.9145



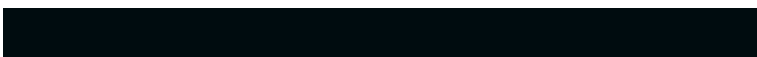
22.5178, 23.1078, 36.0748



6.6851, 7.2360, 8.4510



10.3130, 12.7175, 27.8184



0.2148, 0.2882, 0.5075

Inverse Universe

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



26.7633, 23.4926, 31.9795



45.8774, 38.4331, 55.1519



28.5800, 30.3137, 22.7577



6.8351, 6.7270, 7.9830



14.0037, 6.9061, 14.8025



0.2657, 0.1296, 0.3455

Previews

White Background



This preview shows how the XYZ color 25.1904, 28.4535, 36.9653 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1904, 28.4535, 36.9653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

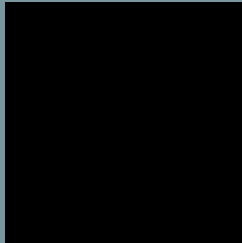
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

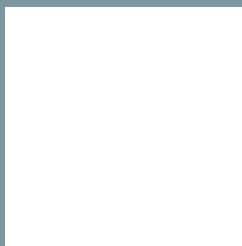
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1904, 28.4535, 36.9653

Background



This preview shows how black text looks on a background with the XYZ color 25.1904, 28.4535, 36.9653.

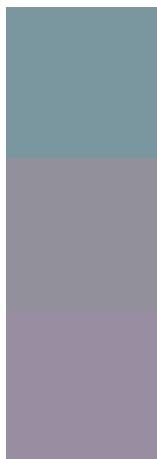


This preview shows how white text looks on a background with the XYZ color 25.1904, 28.4535,

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

25.1904, 28.4535, 36.9653

Protanopia

27.5667, 28.3328, 35.0262

Deuteranopia

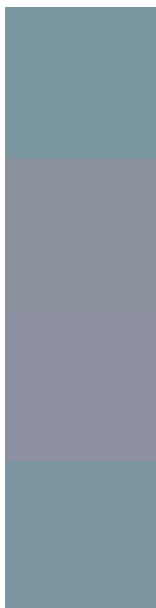
28.9068, 28.2984, 37.6568



Tritanopia

25.5963, 28.6323, 38.3599

Trichromacy



Original Color

25.1904, 28.4535, 36.9653

Protanomaly

26.5962, 28.2764, 35.5086

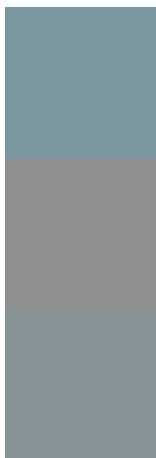
Deuteranomaly

27.3029, 28.1473, 37.2517

Tritanomaly

25.5077, 28.5969, 37.8936

Monochromacy



Original Color

25.1904, 28.4535, 36.9653

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.6954, 27.8786, 32.4606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1904, 28.4535, 36.9653 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(122, 150, 159)` looks like.

```
.text, #text, p{  
    color:rgb(122, 150, 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(122, 150, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 150, 159) }
```

Border

The CSS property to change the border of an element to XYZ 25.1904, 28.4535, 36.9653 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(122, 150, 159) }
```


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

```
.border{ border-color:rgb(122, 150, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 150, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 150, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 150, 159);  
box-shadow:4px 4px 4px 4px rgb(122, 150,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1904, 28.4535, 36.9653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 150, 159) }
```

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

```
.background{ background-color: rgb(122,  
150, 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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