

Converting Colors

XYZ(25.6233, 31.5819, 25.4922)

Have a look what the booklet for
XYZ(25.6233, 31.5819, 25.4922)
contains.

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Color

**XYZ(25.7606, 31.7418,
25.5379)**

Conversions

Conversions Part 1

Format	Color
Hex	81A181
RGB	129, 161, 129
RGB Percent	51%, 63%, 51%
CMY	0.4941, 0.3686, 0.4941
CMYK	0.20, 0.00, 0.20, 0.37
HSL	120°, 15%, 57%
HSV	120°, 20%, 63%
XYZ	25.7606, 31.7418, 25.5379
YIQ	147.7840, -8.8000, -16.7360

Conversions

Conversions Part 2

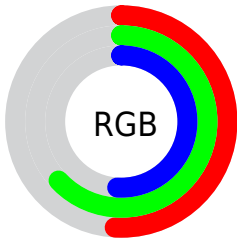
Format	Color
RYB	129, 161, 161
Decimal	8495489
CIELab	63.13, -17.50, 13.09
CIElCh	63, 21.851, 143.202
Yxy	31.7418, 0.3102, 0.3822
Android (android.graphics.Color)	4286685569 (0xFF81A181)
YUV	147.7840, -9.2605, -16.4736
Hunter-Lab	56.3399, -16.9782, 12.5628

Details

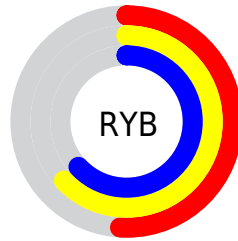
The XYZ color **25.7606, 31.7418, 25.5379** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.9824, 25.8516, 37.1821**, and the grayscale version is **28.0990, 29.5623, 32.1934**.

A 20% lighter version of the original color is **52.2908, 62.4342, 53.5510**, and **10.1411, 13.1787, 9.5987** is the 20% darker color. If you saturate the color by 10%, you get **22.5178, 30.1851, 20.2331**, and if you desaturate by 10%, it is **29.5591, 33.5674, 31.7504**.

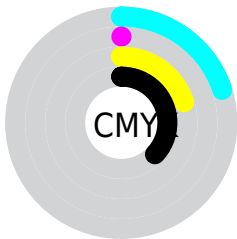
Distribution



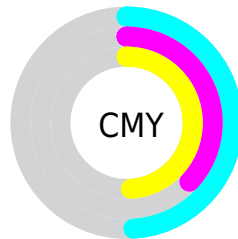
- Red (51%)
- Green (63%)
- Blue (51%)



- Red (51%)
- Yellow (63%)
- Blue (63%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (37%)



- Cyan (49%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7606, 31.7418, 25.5379 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 25.7606, 31.7418, 25.5379 by changing the saturation by 10% instead.

■ 25.7606, 31.7418,
25.5379

■ 25.7606, 31.7418,
25.5379

273.8832,
309.9414, 294.0392

■ 16.7764, 21.1644,
16.2556

■ 52.3225, 62.4061,
53.5034

■ 10.1695, 13.2442,
9.5489

■ 70.6310, 83.2617,
73.0237

■ 5.5746, 7.5969,
4.9992

■ 92.7782, 108.3122,
96.7938

■ 2.6264, 3.8381,
2.1881

119.1295,
137.9420, 125.2321

■ 0.9594, 1.5834,
0.6675

150.0503,
172.5354, 158.7573

■ 0.0000, 0.3464,
0.0000

185.9059,

■ 0.0000, 0.0000,

212.4768, 197.7878

0.0000

227.0618,
258.1507, 242.7423

■ 25.7606, 31.7418,
25.5379

■ 25.7606, 31.7418,
25.5379

■ 22.5178, 30.1851,
20.2331

■ 29.5591, 33.5674,
31.7504

■ 19.8024, 28.8807,
15.7914

■ 33.9350, 35.6693,
38.9080

■ 17.5872, 27.8166,
12.1680

■ 38.9118, 38.0599,
47.0486

■ 15.8416, 26.9782,
9.3128

■ 44.5112, 40.7496,
56.2074

■ 14.5320, 26.3491,
7.1706

■ 50.7535, 43.7481,
66.4178

■ 13.6198, 25.9109,
5.6786

■ 57.6583, 47.0648,
77.7119

■ 13.0601, 25.6420,
4.7631

■ 65.2443, 50.7087,
90.1202

■ 12.7490, 25.4926,
4.2543

■ 72.0355, 53.9709,
101.2285

■ 12.7455, 25.4909,
4.2485

Harmonies

Analogous

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



27.9424, 31.7418, 21.4346



25.7606, 31.7418, 25.5379



24.7704, 31.7418, 32.6326

Triad

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



25.7606, 31.7418, 25.5379



29.4884, 31.7418, 53.8127



35.8192, 31.7418, 28.4231

Complementary

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



25.7606, 31.7418, 25.5379



28.9824, 25.8516, 37.1821

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.



36.3014, 31.7418, 36.5648



25.7606, 31.7418, 25.5379



32.5122, 31.7418, 52.1821

Square

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



25.7606, 31.7418, 25.5379



26.8279, 31.7418, 49.6374



35.0550, 31.7418, 45.4936



33.7779, 31.7418, 22.8963

Rectangle

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



25.7606, 31.7418, 25.5379



24.8691, 31.7418, 38.4944



35.0550, 31.7418, 45.4936



36.1743, 31.7418, 30.9059

Sweetspot

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



25.7614, 31.7431, 25.5386



55.7613, 61.4710, 61.4819



31.3136, 34.4673, 25.7718



12.1288, 13.4332, 13.3196



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.



25.7614, 31.7431, 25.5386



43.3572, 55.5127, 41.1925



26.8689, 32.1861, 31.3703



6.9856, 7.8950, 7.5358



10.1790, 20.3579, 3.3930



0.2139, 0.4278, 0.0713

Inverse Universe

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



28.9824, 25.8516, 37.1821



50.2275, 42.9457, 66.0286



27.7013, 25.3392, 30.4361



7.3644, 7.2022, 8.9051



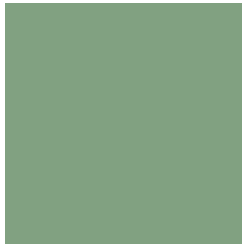
16.8767, 8.1067, 27.6050



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 25.7606, 31.7418, 25.5379 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 25.7606, 31.7418, 25.5379 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

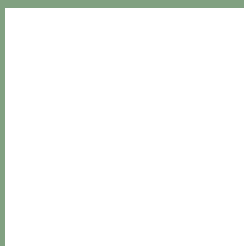
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7606, 31.7418, 25.5379

Background



This preview shows how black text looks on a background with the XYZ color 25.7606, 31.7418, 25.5379.



This preview shows how white text looks on a background with the XYZ color 25.7606, 31.7418,

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

25.7606, 31.7418, 25.5379

Protanopia

29.6278, 31.5142, 23.9233

Deuteranopia

32.0541, 31.5321, 26.2267



Tritanopia

29.1097, 31.8383, 41.6570

Trichromacy



Original Color

25.7606, 31.7418, 25.5379

Protanomaly

27.8817, 31.3386, 24.3181

Deuteranomaly

29.4255, 31.3643, 25.9757

Tritanomaly

27.7325, 31.7734, 35.2431

Monochromacy



Original Color

25.7606, 31.7418, 25.5379

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.1835, 30.3683, 29.6282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7606, 31.7418, 25.5379 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(129, 161, 129)` looks like.

```
.text, #text, p{  
    color:rgb(129, 161, 129)  
}
```

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(129, 161, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 161, 129) }
```

Border

The CSS property to change the border of an element to XYZ 25.7606, 31.7418, 25.5379 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(129, 161, 129) }
```


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

```
.border{ border-color:rgb(129, 161, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 161, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 161, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 161, 129);  
box-shadow:4px 4px 4px 4px rgb(129, 161,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7606, 31.7418, 25.5379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 161, 129) }
```

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

```
.background{ background-color: rgb(129,  
161, 129) }
```

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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