

Converting Colors

XYZ(24.5394, 30.6204, 25.7776)

Have a look what the booklet for
XYZ(24.5394, 30.6204, 25.7776)
contains.

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Color

**XYZ(24.4534, 30.5456,
25.7261)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9F82
RGB	122, 159, 130
RGB Percent	48%, 62%, 51%
CMY	0.5216, 0.3765, 0.4902
CMYK	0.23, 0.00, 0.18, 0.38
HSL	133°, 16%, 55%
HSV	133°, 23%, 62%
XYZ	24.4534, 30.5456, 25.7261
YIQ	144.6310, -12.7430, -16.8630

Conversions

Conversions Part 2

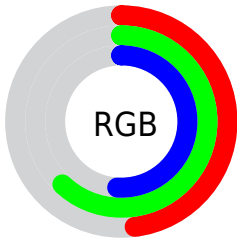
Format	Color
RYB	122, 152, 159
Decimal	8036226
CIELab	62.12, -18.73, 11.05
CIELCh	62, 21.744, 149.454
Yxy	30.5456, 0.3029, 0.3784
Android (android.graphics.Color)	4286226306 (0xFF7A9F82)
YUV	144.6310, -7.2131, -19.8474
Hunter-Lab	55.2681, -17.7417, 11.0894

Details

The XYZ color **24.4534, 30.5456, 25.7261** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.8446, 23.5250, 32.4053**, and the grayscale version is **26.7966, 28.1922, 30.7013**.

A 20% lighter version of the original color is **50.2730, 60.6260, 53.8521**, and **9.4154, 12.4872, 9.6986** is the 20% darker color. If you saturate the color by 10%, you get **21.5972, 29.1649, 21.4873**, and if you desaturate by 10%, it is **27.7810, 32.1593, 30.5172**.

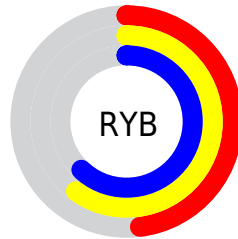
Distribution



Red (48%)

Green (62%)

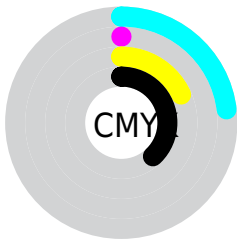
Blue (51%)



Red (48%)

Yellow (60%)

Blue (62%)

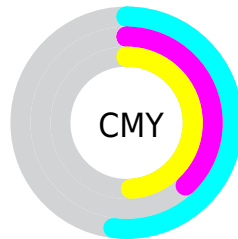


Cyan (23%)

Magenta (0%)

Yellow (18%)

Black (38%)



Cyan (52%)

Magenta (38%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4534, 30.5456, 25.7261 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 24.4534, 30.5456, 25.7261 by changing the saturation by 10% instead.

■ 24.4534, 30.5456,
25.7261

■ 24.4534, 30.5456,
25.7261

267.5029,
304.4394, 294.9975

■ 15.7968, 20.2531,
16.3949

■ 50.2184, 60.5239,
53.8114

■ 9.4704, 12.5791,
9.6467

■ 68.0575, 80.9786,
73.4026

■ 5.1088, 7.1394,
5.0628

■ 89.6883, 105.5893,
97.2509

■ 2.3467, 3.5494,
2.2248

115.4759,
134.7407, 125.7748

■ 0.8184, 1.4249,
0.6886

145.7858,
168.8170, 159.3929

■ 0.0000, 0.2349,
0.0000

180.9834,

■ 0.0000, 0.0000,

208.2026, 198.5236

0.0000

221.4340,
253.2819, 243.5857

■ 24.4534, 30.5456,
25.7261

■ 24.4534, 30.5456,
25.7261

■ 21.5972, 29.1649,
21.4873

■ 27.7810, 32.1593,
30.5172

■ 19.1884, 28.0027,
17.7789

■ 31.5976, 34.0121,
35.8774

■ 17.2046, 27.0488,
14.5806

■ 35.9229, 36.1148,
41.8253

■ 15.6206, 26.2905,
11.8701

■ 40.7749, 38.4761,
48.3780

■ 14.4081, 25.7139,
9.6231

■ 46.1706, 41.1045,
55.5520

■ 13.5352, 25.3031,
7.8136

■ 52.1263, 44.0080,
63.3629

■ 12.9645, 25.0393,
6.4126

■ 58.6575, 47.1944,
71.8261

■ 12.6930, 24.9152,
5.6823

■ 65.7792, 50.6711,
80.9563

■ 69.6903, 52.4782,
90.5892

Harmonies

Analogous

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



26.3540, 30.5456, 21.1128



24.4534, 30.5456, 25.7261



23.7641, 30.5456, 33.1057

Triad

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



24.4534, 30.5456, 25.7261



28.9791, 30.5456, 52.1053



34.2104, 30.5456, 25.9507

Complementary

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



24.4534, 30.5456, 25.7261



26.8446, 23.5250, 32.4053

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.



35.0275, 30.5456, 33.4127



24.4534, 30.5456, 25.7261



31.8870, 30.5456, 49.3481

Square

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



24.4534, 30.5456, 25.7261



26.2671, 30.5456, 49.1488



34.1507, 30.5456, 42.1351



31.9859, 30.5456, 21.2263

Rectangle

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



24.4534, 30.5456, 25.7261



24.0459, 30.5456, 38.9171



34.1507, 30.5456, 42.1351



34.6652, 30.5456, 28.1777

Sweetspot

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



24.4542, 30.5469, 25.7268



53.8403, 59.5763, 60.4206



28.7864, 32.8398, 23.2340



12.0537, 13.3904, 13.5032



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.



24.4542, 30.5469, 25.7268



40.9991, 53.3518, 41.9574



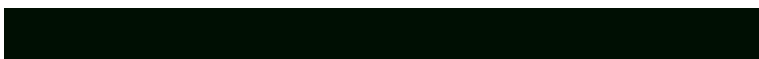
25.7625, 31.0702, 32.6159



6.6065, 7.4234, 7.3627



10.0381, 19.6832, 4.5579



0.1932, 0.3574, 0.1538

Inverse Universe

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



26.8446, 23.5250, 32.4053



46.0518, 38.5029, 56.0702



25.4991, 22.9868, 25.3200



6.8427, 6.7300, 8.0228



14.2135, 6.9900, 15.9072



0.2682, 0.1306, 0.3586

Previews

White Background



This preview shows how the XYZ color 24.4534, 30.5456, 25.7261 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 24.4534, 30.5456, 25.7261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

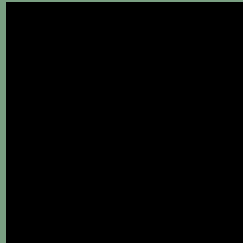
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.4534, 30.5456, 25.7261

Background



This preview shows how black text looks on a background with the XYZ color 24.4534, 30.5456, 25.7261.



This preview shows how white text looks on a background with the XYZ color 24.4534, 30.5456,

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

24.4534, 30.5456, 25.7261

Protanopia

28.5497, 30.2447, 23.7351

Deuteranopia

30.7845, 30.1860, 26.3943



Tritanopia

27.4918, 30.5315, 40.5206

Trichromacy



Original Color

24.4534, 30.5456, 25.7261

Protanomaly

26.8991, 30.3345, 24.5161

Deuteranomaly

28.0492, 29.9331, 26.1291

Tritanomaly

26.2424, 30.5125, 34.6434

Monochromacy



Original Color

24.4534, 30.5456, 25.7261

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.9565, 29.0245, 29.0452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4534, 30.5456, 25.7261 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, 159, 130)` looks like.

```
.text, #text, p{  
    color:rgb(122, 159, 130)  
}
```

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, 159, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 159, 130) }
```

Border

The CSS property to change the border of an element to XYZ 24.4534, 30.5456, 25.7261 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, 159, 130) }
```


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

```
.border{ border-color:rgb(122, 159, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 159, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 159, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 159, 130);  
box-shadow:4px 4px 4px 4px rgb(122, 159,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4534, 30.5456, 25.7261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 159, 130) }
```

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

```
.background{ background-color: rgb(122,  
159, 130) }
```

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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