

Converting Colors

XYZ(24.6616, 34.5594, 26.0374)

Have a look what the booklet for
XYZ(24.6616, 34.5594, 26.0374)
contains.

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Color

**XYZ(24.6149, 34.4152,
26.1143)**

Conversions

Conversions Part 1

Format	Color
Hex	68AD81
RGB	104, 173, 129
RGB Percent	41%, 68%, 51%
CMY	0.5922, 0.3216, 0.4941
CMYK	0.40, 0.00, 0.25, 0.32
HSL	142°, 30%, 54%
HSV	142°, 40%, 68%
XYZ	24.6149, 34.4152, 26.1143
YIQ	147.3530, -27.0000, -28.3120

Conversions

Conversions Part 2

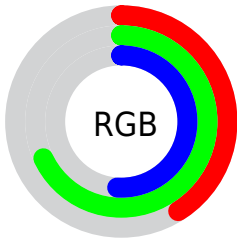
Format	Color
RYB	104, 155, 173
Decimal	6860161
CIELab	65.29, -31.69, 15.90
CIELCh	65, 35.449, 153.359
Yxy	34.4152, 0.2891, 0.4042
Android (android.graphics.Color)	4285050241 (0xFF68AD81)
YUV	147.3530, -9.0480, -38.0206
Hunter-Lab	58.6645, -27.7664, 14.6724

Details

The XYZ color **24.6149, 34.4152, 26.1143** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.5303, 20.9237, 30.6059**, and the grayscale version is **27.9244, 29.3786, 31.9933**.

A 20% lighter version of the original color is **50.5634, 66.6851, 54.4625**, and **9.5806, 14.7422, 9.9300** is the 20% darker color. If you saturate the color by 10%, you get **22.1150, 33.2076, 22.3741**, and if you desaturate by 10%, it is **27.6078, 35.8697, 30.2924**.

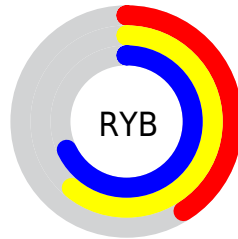
Distribution



Red (41%)

Green (68%)

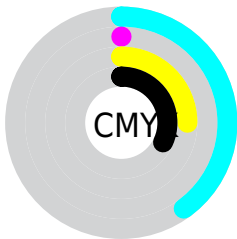
Blue (51%)



Red (41%)

Yellow (61%)

Blue (68%)

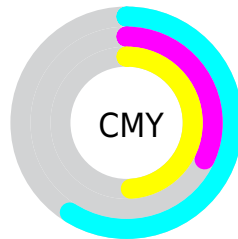


Cyan (40%)

Magenta (0%)

Yellow (25%)

Black (32%)



Cyan (59%)

Magenta (32%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6149, 34.4152, 26.1143 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 24.6149, 34.4152, 26.1143 by changing the saturation by 10% instead.

■ 24.6149, 34.4152,
26.1143

■ 24.6149, 34.4152,
26.1143

268.2978,
321.9795, 296.9660

■ 15.9176, 23.2127,
16.6826

■ 50.4792, 66.5788,
54.4456

■ 9.5563, 14.7507,
9.8489

■ 68.3769, 88.3088,
74.1824

■ 5.1658, 8.6446,
5.1946

■ 90.0720, 114.3167,
98.1912

■ 2.3806, 4.5101,
2.3012

■ 115.9301,
144.9870, 126.8907

■ 0.8354, 1.9628,
0.7319

146.3163,
180.7040, 160.6994

■ 0.0000, 0.5857,
0.0000

181.5961,

■ 0.0000, 0.0000,

221.8521, 200.0358

0.0000

222.1348,
268.8158, 245.3185

■ 24.6149, 34.4152,
26.1143

■ 24.6149, 34.4152,
26.1143

■ 22.1150, 33.2076,
22.3741

■ 27.6078, 35.8697,
30.2924

■ 20.0775, 32.2286,
19.0551

■ 31.1166, 37.5797,
34.9198

■ 18.4725, 31.4640,
16.1429


■ 35.1659, 39.5588,
40.0103


■ 17.2652, 30.8962,
13.6214


■ 39.7780, 41.8180,
45.5764


■ 16.4151, 30.5046,
11.4732


■ 44.9740, 44.3680,
51.6302


 15.8386, 30.2465,
9.6780

 50.7737, 47.2188,
58.1833

 15.8326, 30.2438,
9.6593

 57.1960, 50.3799,
65.2469

 64.2590, 53.8605,
72.8318

 70.2283, 56.7661,
80.8665

Harmonies

Analogous

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



27.5494, 34.4152, 18.3875



24.6149, 34.4152, 26.1143



23.7669, 34.4152, 39.1632

Triad

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



24.6149, 34.4152, 26.1143



33.2958, 34.4152, 73.6264



41.7233, 34.4152, 23.9111

Complementary

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



24.6149, 34.4152, 26.1143



27.5303, 20.9237, 30.6059

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.



43.6562, 34.4152, 35.8308



24.6149, 34.4152, 26.1143



38.4792, 34.4152, 66.5909

Square

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



24.6149, 34.4152, 26.1143



28.4578, 34.4152, 69.0653



42.4113, 34.4152, 51.7221



37.3673, 34.4152, 17.3704

Rectangle

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



24.6149, 34.4152, 26.1143



24.4167, 34.4152, 49.9142



42.4113, 34.4152, 51.7221



42.6976, 34.4152, 27.2915

Sweetspot

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



24.6158, 34.4166, 26.1151



61.2035, 69.9769, 69.4591



29.8105, 37.2637, 18.7184



13.0994, 15.1090, 14.8440



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.6158, 34.4166, 26.1151



40.0341, 59.6775, 40.7343



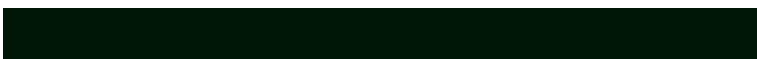
27.2331, 35.4635, 39.8974



8.0199, 8.9855, 9.1300



11.6562, 22.2278, 7.2292



0.3510, 0.6290, 0.3417

Inverse Universe

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



27.5303, 20.9237, 30.6059



45.9861, 32.0799, 49.8748



25.2421, 20.0084, 18.5562



8.2120, 8.0981, 9.4274



14.7692, 7.3702, 11.6960



0.4358, 0.2150, 0.4569

Previews

White Background



This preview shows how the XYZ color 24.6149, 34.4152, 26.1143 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 24.6149, 34.4152, 26.1143 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 24.6149, 34.4152, 26.1143

Background



This preview shows how black text looks on a background with the XYZ color 24.6149, 34.4152, 26.1143.



This preview shows how white text looks on a background with the XYZ color 24.6149, 34.4152,

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

24.6149, 34.4152, 26.1143

Protanopia

31.7183, 33.8439, 23.2731

Deuteranopia

34.5874, 34.0015, 27.2942



Tritanopia

28.9447, 34.2126, 48.2582

Trichromacy



Original Color

24.6149, 34.4152, 26.1143

Protanomaly

28.4759, 33.6948, 24.4049

Deuteranomaly

29.8725, 33.5799, 26.7369

Tritanomaly

27.1765, 34.3287, 38.9120

Monochromacy



Original Color

24.6149, 34.4152, 26.1143

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

25.9822, 30.4957, 29.3278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6149, 34.4152, 26.1143 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(104, 173, 129)` looks like.

```
.text, #text, p{  
    color:rgb(104, 173, 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(104, 173, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 173, 129) }
```

Border

The CSS property to change the border of an element to XYZ 24.6149, 34.4152, 26.1143 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(104, 173, 129) }
```


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

```
.border{ border-color:rgb(104, 173, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 173, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 173, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 173, 129);  
box-shadow:4px 4px 4px 4px rgb(104, 173,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6149, 34.4152, 26.1143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 173, 129) }
```

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

```
.background{ background-color: rgb(104,  
173, 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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