

Converting Colors

XYZ(30.1321, 35.0561, 23.2654)

Have a look what the booklet for
XYZ(30.1321, 35.0561, 23.2654)
contains.

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Color

**XYZ(30.2327, 35.1608,
23.2824)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA579
RGB	154, 165, 121
RGB Percent	60%, 65%, 47%
CMY	0.3961, 0.3529, 0.5255
CMYK	0.07, 0.00, 0.27, 0.35
HSL	75°, 20%, 56%
HSV	75°, 27%, 65%
XYZ	30.2327, 35.1608, 23.2824
YIQ	156.6950, 7.5680, -16.0160

Conversions

Conversions Part 2

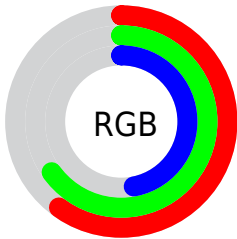
Format	Color
RYB	121, 165, 132
Decimal	10134905
CIELab	65.87, -11.59, 21.56
CIELCh	66, 24.484, 118.263
Yxy	35.1608, 0.3409, 0.3965
Android (android.graphics.Color)	4288324985 (0xFF9AA579)
YUV	156.6950, -17.5976, -2.3635
Hunter-Lab	59.2965, -12.7596, 18.2277

Details

The XYZ color **30.2327, 35.1608, 23.2824** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.1461, 21.2979, 38.4903**, and the grayscale version is **31.9857, 33.6514, 36.6464**.

A 20% lighter version of the original color is **59.5277, 67.7977, 49.9932**, and **12.5543, 15.1029, 8.3844** is the 20% darker color. If you saturate the color by 10%, you get **28.5345, 34.3935, 18.3652**, and if you desaturate by 10%, it is **32.1328, 36.0143, 29.1140**.

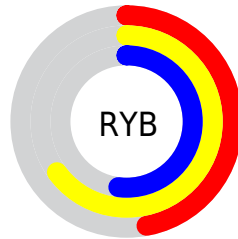
Distribution



Red (60%)

Green (65%)

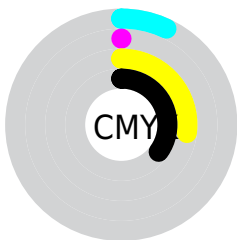
Blue (47%)



Red (47%)

Yellow (65%)

Blue (52%)

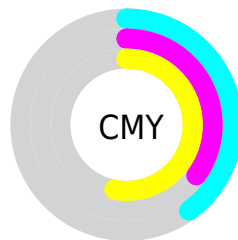


Cyan (7%)

Magenta (0%)

Yellow (27%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2327, 35.1608, 23.2824 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 30.2327, 35.1608, 23.2824 by changing the saturation by 10% instead.

■ 30.2327, 35.1608,
23.2824

■ 30.2327, 35.1608,
23.2824

294.8780,
325.2775, 282.3409

■ 20.1642, 23.7868,
14.5949

■ 59.4141, 67.7348,
49.7857

■ 12.6234, 15.1755,
8.3921

■ 79.2577, 89.7036,
68.4385

■ 7.2450, 8.9427,
4.2555

■ 103.0905,
115.9727, 91.2503

■ 3.6635, 4.7038,
1.7665

131.2776,
146.9265, 118.6394

■ 1.5136, 2.0745,
0.4057

164.1846,
182.9496, 151.0245

■ 0.3350, 0.6503,
0.0000

202.1768,

■ 0.0000, 0.0000,

224.4262, 188.8241

0.0000

245.6195,
271.7407, 232.4567

■ 30.2327, 35.1608,
23.2824

■ 30.2327, 35.1608,
23.2824

■ 28.5345, 34.3935,
18.3652

■ 32.1328, 36.0143,
29.1140

■ 27.0265, 33.7042,
14.3138

■ 34.2406, 36.9529,
35.9008

■ 25.6997, 33.0905,
11.0783

■ 36.5648, 37.9812,
43.6840

■ 24.5432, 32.5479,
8.6032

■ 39.1130, 39.1023,
52.5015

■ 23.5449, 32.0715,
6.8257

■ 41.8923, 40.3191,
62.3895

■ 22.6907, 31.6558,
5.6733

■ 44.9094, 41.6343,
73.3822

■ 21.9602, 31.2925,
5.0405

■ 48.1708, 43.0505,
85.5124

■ 21.7305, 31.1775,
4.8725

■ 51.6827, 44.5703,
98.8115

■ 53.0265, 45.2261,
100.5425

Harmonies

Analogous

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



33.6306, 35.1608, 21.6253



30.2327, 35.1608, 23.2824



27.8459, 35.1608, 28.7324

Triad

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



30.2327, 35.1608, 23.2824



29.8923, 35.1608, 57.8478



40.8650, 35.1608, 38.8912

Complementary

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



30.2327, 35.1608, 23.2824



23.1461, 21.2979, 38.4903

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.



39.6907, 35.1608, 49.7479



30.2327, 35.1608, 23.2824



33.2089, 35.1608, 61.8468

Square

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



30.2327, 35.1608, 23.2824



27.6596, 35.1608, 48.5126



36.8223, 35.1608, 58.6466



39.9277, 35.1608, 29.6050

Rectangle

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



30.2327, 35.1608, 23.2824



27.0612, 35.1608, 34.3731



36.8223, 35.1608, 58.6466



40.7026, 35.1608, 42.4811

Sweetspot

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



30.2336, 35.1624, 23.2832



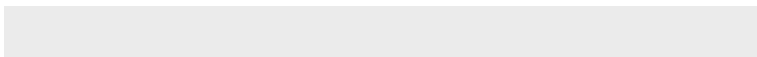
60.7366, 65.9177, 62.3840



27.2208, 25.8834, 21.6509



13.1554, 14.3563, 13.2384



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.2336, 35.1624, 23.2832



52.3000, 62.1373, 36.2912



26.4232, 33.1980, 23.1048



7.4756, 8.1477, 7.5587



16.4857, 23.6092, 3.6881



0.3856, 0.5163, 0.0793

Inverse Universe

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



23.1461, 21.2979, 38.4903



37.4520, 33.0823, 68.1639



26.9566, 23.2622, 38.6687



6.8588, 6.9415, 8.8814



5.8777, 2.4365, 27.0903



0.1638, 0.0720, 0.5711

Previews

White Background



This preview shows how the XYZ color 30.2327, 35.1608, 23.2824 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 30.2327, 35.1608, 23.2824 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

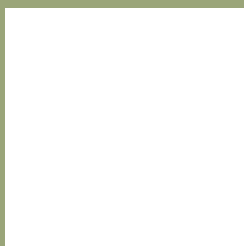
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2327, 35.1608, 23.2824

Background



This preview shows how black text looks on a background with the XYZ color 30.2327, 35.1608, 23.2824.



This preview shows how white text looks on a background with the XYZ color 30.2327, 35.1608,

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

30.2327, 35.1608, 23.2824

Protanopia

32.6952, 35.1314, 22.5106

Deuteranopia

35.4599, 34.7773, 23.5826



Tritanopia

34.2755, 34.9711, 43.4717

Trichromacy



Original Color

30.2327, 35.1608, 23.2824

Protanomaly

31.8275, 35.1961, 22.8853

Deuteranomaly

33.2490, 34.6330, 23.3448

Tritanomaly

32.5952, 35.0587, 35.1861

Monochromacy



Original Color

30.2327, 35.1608, 23.2824

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.3151, 34.2231, 31.3408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2327, 35.1608, 23.2824 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(154, 165, 121)` looks like.

```
.text, #text, p{  
    color:rgb(154, 165, 121)  
}
```

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(154, 165, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 165, 121) }
```

Border

The CSS property to change the border of an element to XYZ 30.2327, 35.1608, 23.2824 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(154, 165, 121) }
```


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

```
.border{ border-color:rgb(154, 165, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 165, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 165, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 165, 121);  
box-shadow:4px 4px 4px 4px rgb(154, 165,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2327, 35.1608, 23.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 165, 121) }
```

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

```
.background{ background-color: rgb(154,  
165, 121) }
```

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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