

Converting Colors

XYZ(28.2366, 37.1403, 26.0867)

Have a look what the booklet for
XYZ(28.2366, 37.1403, 26.0867)
contains.

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Color

**XYZ(28.3237, 37.1984,
26.1093)**

Conversions

Conversions Part 1

Format	Color
Hex	80B080
RGB	128, 176, 128
RGB Percent	50%, 69%, 50%
CMY	0.4980, 0.3098, 0.4980
CMYK	0.27, 0.00, 0.27, 0.31
HSL	120°, 23%, 60%
HSV	120°, 27%, 69%
XYZ	28.3237, 37.1984, 26.1093
YIQ	156.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

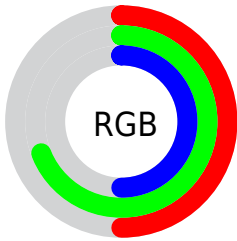
Format	Color
RYB	128, 176, 176
Decimal	8433792
CIELab	67.43, -25.62, 19.58
CIElCh	67, 32.250, 142.609
Yxy	37.1984, 0.3091, 0.4060
Android (android.graphics.Color)	4286623872 (0xFF80B080)
YUV	156.1760, -13.8908, -24.7104
Hunter-Lab	60.9905, -23.8388, 17.3120

Details

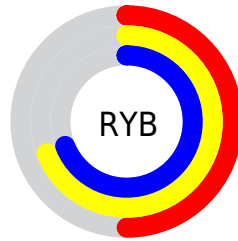
The XYZ color **28.3237, 37.1984, 26.1093** is a light color, and the websafe version is hex **669966**. A complement of this color would be **33.4614, 27.8038, 44.6788**, and the grayscale version is **31.7436, 33.3968, 36.3691**.

A 20% lighter version of the original color is **56.4885, 70.9945, 54.4421**, and **11.5187, 16.2938, 9.7456** is the 20% darker color. If you saturate the color by 10%, you get **24.8428, 35.5275, 20.4149**, and if you desaturate by 10%, it is **32.4667, 39.1896, 32.8852**.

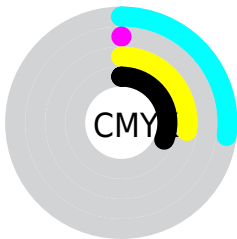
Distribution



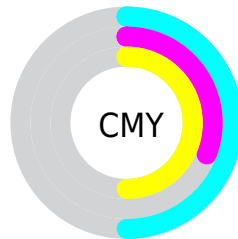
- Red (50%)
- Green (69%)
- Blue (50%)



- Red (50%)
- Yellow (69%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (27%)
- Black (31%)



- Cyan (50%)
- Magenta (31%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3237, 37.1984, 26.1093 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 28.3237, 37.1984, 26.1093 by changing the saturation by 10% instead.

■ 28.3237, 37.1984,
26.1093

■ 28.3237, 37.1984,
26.1093

286.0626,
334.1687, 296.9407

■ 18.7115, 25.3611,
16.6789

■ 56.4059, 70.8778,
54.4375

■ 11.5648, 16.3463,
9.8463

■ 75.6066, 93.4888,
74.1723

■ 6.5181, 9.7696,
5.1929

■ 98.7341, 120.4597,
98.1791

■ 3.2063, 5.2464,
2.3002

126.1539,
152.1751, 126.8764

■ 1.2638, 2.3926,
0.7313

158.2313,
189.0193, 160.6826

■ 0.1558, 0.8221,
0.0000

195.3316,

■ 0.0000, 0.0000,

231.3767, 200.0164

0.0000

237.8203,
279.6317, 245.2963

■ 28.3237, 37.1984,
26.1093

■ 28.3237, 37.1984,
26.1093

■ 24.8428, 35.5275,
20.4149

■ 32.4667, 39.1896,
32.8852

■ 21.9871, 34.1557,
15.7438

■ 37.3006, 41.5116,
40.7918

■ 19.7203, 33.0669,
12.0360

■ 42.8559, 44.1800,
49.8783

■ 18.0014, 32.2412,
9.2245

■ 49.1604, 47.2085,
60.1905

■ 16.7841, 31.6565,
7.2333

■ 56.2407, 50.6095,
71.7713

■ 16.0145, 31.2868,
5.9744

■ 64.1217, 54.3951,
84.6620

■ 15.6125, 31.0937,
5.3167

■ 72.8275, 58.5770,
98.9017

■ 15.5261, 31.0522,
5.1755

■ 74.8161, 59.5322,
102.1554

Harmonies

Analogous

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



31.8235, 37.1984, 20.1991



28.3237, 37.1984, 26.1093



26.7364, 37.1984, 37.0984

Triad

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



28.3237, 37.1984, 26.1093



34.1464, 37.1984, 73.9729



44.8848, 37.1984, 30.9058

Complementary

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



28.3237, 37.1984, 26.1093



33.4614, 27.8038, 44.6788

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.



45.6536, 37.1984, 44.1092



28.3237, 37.1984, 26.1093



39.1407, 37.1984, 71.2176

Square

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



28.3237, 37.1984, 26.1093



29.8883, 37.1984, 66.2333



43.4653, 37.1984, 59.4011



41.4528, 37.1984, 22.4841

Rectangle

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



28.3237, 37.1984, 26.1093



26.8614, 37.1984, 46.7460



43.4653, 37.1984, 59.4011



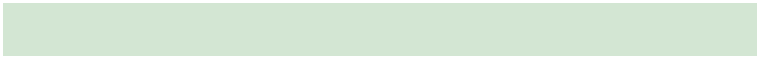
45.4755, 37.1984, 34.8416

Sweetspot

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



28.3247, 37.2000, 26.1101



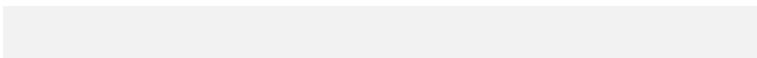
66.8374, 74.8955, 72.6539



37.3278, 41.8413, 26.5311



14.1894, 16.0892, 15.2622



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.3247, 37.2000, 26.1101



47.2529, 65.4880, 40.6200



30.0960, 37.9085, 35.4376



8.3890, 9.4901, 9.0422



11.3913, 22.7825, 3.7972



0.3584, 0.7168, 0.1195

Inverse Universe

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



33.4614, 27.8038, 44.6788



58.2023, 45.4591, 80.2010



31.2923, 26.9362, 33.2566



8.8501, 8.6467, 10.7088



18.8864, 9.0721, 30.8912



0.5942, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 28.3237, 37.1984, 26.1093 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 28.3237, 37.1984, 26.1093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

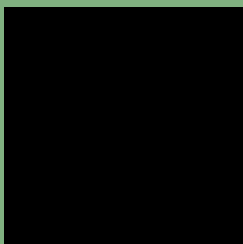
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.3237, 37.1984, 26.1093

Background



This preview shows how black text looks on a background with the XYZ color 28.3237, 37.1984, 26.1093.



This preview shows how white text looks on a background with the XYZ color 28.3237, 37.1984,

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

28.3237, 37.1984, 26.1093

Protanopia

34.2892, 36.7135, 23.6915

Deuteranopia

37.4570, 36.7270, 26.9446



Tritanopia

33.1127, 37.1566, 49.6827

Trichromacy



Original Color

28.3237, 37.1984, 26.1093

Protanomaly

31.7413, 36.7296, 24.4854

Deuteranomaly

33.3085, 36.4051, 26.7441

Tritanomaly

31.1056, 37.1820, 39.7198

Monochromacy



Original Color

28.3237, 37.1984, 26.1093

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.1396, 34.3807, 32.2417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3237, 37.1984, 26.1093 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(128, 176, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 176, 128)  
}
```

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(128, 176, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 176, 128) }
```

Border

The CSS property to change the border of an element to XYZ 28.3237, 37.1984, 26.1093 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(128, 176, 128) }
```


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

```
.border{ border-color:rgb(128, 176, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 176, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 176, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 176, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 176,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3237, 37.1984, 26.1093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 176, 128) }
```

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

```
.background{ background-color: rgb(128,  
176, 128) }
```

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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