

Converting Colors

XYZ(30.0177, 33.0966, 26.0198)

Have a look what the booklet for
XYZ(30.0177, 33.0966, 26.0198)
contains.

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Color

**XYZ(29.9664, 33.1333,
25.9351)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9E82
RGB	156, 158, 130
RGB Percent	61%, 62%, 51%
CMY	0.3882, 0.3804, 0.4902
CMYK	0.01, 0.00, 0.18, 0.38
HSL	64°, 13%, 56%
HSV	64°, 18%, 62%
XYZ	29.9664, 33.1333, 25.9351
YIQ	154.2100, 7.7960, -9.1320

Conversions

Conversions Part 2

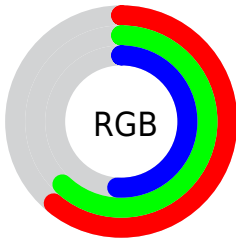
Format	Color
RYB	130, 158, 132
Decimal	10264194
CIELab	64.27, -5.68, 14.42
CIELCh	64, 15.497, 111.504
Yxy	33.1333, 0.3366, 0.3721
Android (android.graphics.Color)	4288454274 (0xFF9C9E82)
YUV	154.2100, -11.9355, 1.5698
Hunter-Lab	57.5615, -7.8060, 13.5792

Details

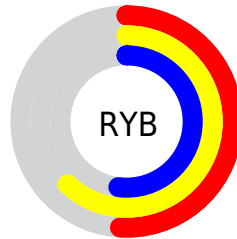
The XYZ color **29.9664, 33.1333, 25.9351** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.6712, 23.3403, 35.6070**, and the grayscale version is **30.8565, 32.4634, 35.3527**.

A 20% lighter version of the original color is **59.2055, 64.8563, 54.1978**, and **12.5686, 14.1127, 9.8462** is the 20% darker color. If you saturate the color by 10%, you get **28.7689, 32.6302, 20.7616**, and if you desaturate by 10%, it is **31.3306, 33.7055, 31.9679**.

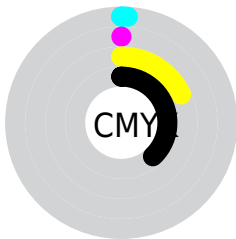
Distribution



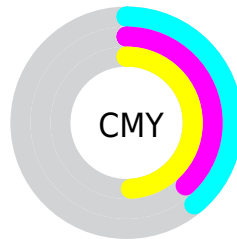
- Red (61%)
- Green (62%)
- Blue (51%)



- Red (51%)
- Yellow (62%)
- Blue (52%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (38%)



- Cyan (39%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9664, 33.1333, 25.9351 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 29.9664, 33.1333, 25.9351 by changing the saturation by 10% instead.

■ 29.9664, 33.1333,
25.9351

■ 29.9664, 33.1333,
25.9351

293.6604,
316.2500, 296.0587

■ 19.9610, 22.2286,
16.5498

■ 58.9960, 64.5836,
54.1530

■ 12.4748, 14.0250,
9.7555

■ 78.7510, 85.8979,
73.8227

■ 7.1424, 8.1380,
5.1336

■ 102.4866,
111.4510, 97.7576

■ 3.5984, 4.1834,
2.2658

130.5680,
141.6271, 126.3762

■ 1.4776, 1.7767,
0.7120

163.3608,
176.8106, 160.0970

■ 0.3105, 0.4726,
0.0000

201.2302,

■ 0.0000, 0.0000,

217.3860, 199.3387

0.0000

244.5417,
263.7377, 244.5197

■ 29.9664, 33.1333,
25.9351

■ 29.9664, 33.1333,
25.9351

■ 28.7689, 32.6302,
20.7616

■ 31.3306, 33.7055,
31.9679

■ 27.7280, 32.1890,
16.4064

■ 32.8658, 34.3452,
38.8944

■ 26.8367, 31.8078,
12.8280

■ 34.5794, 35.0565,
46.7497

■ 26.0862, 31.4831,
9.9807

■ 36.4777, 35.8419,
55.5665

■ 25.4669, 31.2112,
7.8140

■ 38.5664, 36.7037,
65.3757

■ 24.9681, 30.9877,
6.2709

■ 40.8513, 37.6442,
76.2069

■ 24.5770, 30.8075,
5.2852

■ 43.3376, 38.6656,
88.0885

■ 24.2721, 30.6620,
4.7424

■ 45.8037, 39.6791,
99.8525

■ 24.2063, 30.6303,
4.6364

■ 46.0400, 39.8009,
99.8635

Harmonies

Analogous

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



32.1215, 33.1333, 25.3690



29.9664, 33.1333, 25.9351



28.2951, 33.1333, 29.0466

Triad

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



29.9664, 33.1333, 25.9351



28.9310, 33.1333, 46.4168



35.8655, 33.1333, 37.8968

Complementary

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



29.9664, 33.1333, 25.9351



23.6712, 23.3403, 35.6070

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.



34.9215, 33.1333, 44.1580



29.9664, 33.1333, 25.9351



30.8712, 33.1333, 49.4388

Square

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



29.9664, 33.1333, 25.9351



27.7170, 33.1333, 40.7037



33.0689, 33.1333, 48.5673



35.5956, 33.1333, 31.8140

Rectangle

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



29.9664, 33.1333, 25.9351



27.6473, 33.1333, 32.3669



33.0689, 33.1333, 48.5673



35.6780, 33.1333, 40.0593

Sweetspot

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



29.9673, 33.1348, 25.9358



57.5943, 61.4984, 61.1923



26.3641, 25.3481, 24.6227



12.9442, 13.8479, 13.6146



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.



29.9673, 33.1348, 25.9358



53.5809, 59.8178, 43.4543



27.4355, 31.8296, 25.8173



7.1233, 7.6962, 7.0957



19.3997, 24.5376, 3.7138



0.3594, 0.4452, 0.0670

Inverse Universe

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



23.6712, 23.3403, 35.6070



40.1199, 38.8765, 64.1328



25.9856, 24.5334, 35.7154



6.3265, 6.4568, 8.3195



5.0707, 2.0430, 26.0343



0.1021, 0.0424, 0.4660

Previews

White Background



This preview shows how the XYZ color 29.9664, 33.1333, 25.9351 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 29.9664, 33.1333, 25.9351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

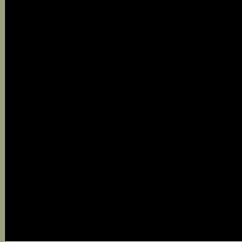
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

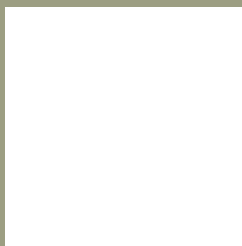
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.9664, 33.1333, 25.9351

Background



This preview shows how black text looks on a background with the XYZ color 29.9664, 33.1333, 25.9351.



This preview shows how white text looks on a background with the XYZ color 29.9664, 33.1333,

25.9351.

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

29.9664, 33.1333, 25.9351

Protanopia

31.2008, 33.0270, 25.4993

Deuteranopia

33.6616, 33.0623, 26.4373



Tritanopia

32.8807, 33.0761, 40.2486

Trichromacy



Original Color

29.9664, 33.1333, 25.9351

Protanomaly

30.7512, 33.0433, 25.5261

Deuteranomaly

32.2826, 33.0791, 26.1562

Tritanomaly

31.6869, 33.0806, 34.4209

Monochromacy



Original Color

29.9664, 33.1333, 25.9351

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.3497, 32.4556, 31.4530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9664, 33.1333, 25.9351 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(156, 158, 130)` looks like.

```
.text, #text, p{  
    color:rgb(156, 158, 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(156, 158, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 158, 130) }
```

Border

The CSS property to change the border of an element to XYZ 29.9664, 33.1333, 25.9351 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(156, 158, 130) }
```


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

```
.border{ border-color:rgb(156, 158, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 158, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 158, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 158, 130);  
box-shadow:4px 4px 4px 4px rgb(156, 158,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9664, 33.1333, 25.9351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 158, 130) }
```

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

```
.background{ background-color: rgb(156,  
158, 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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