

Converting Colors

XYZ(25.0174, 29.3460, 25.8676)

Have a look what the booklet for
XYZ(25.0174, 29.3460, 25.8676)
contains.

XYZ(25.0037, 29.3267, 25.8155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.0037, 29.3267,
25.8155)**

Conversions

Conversions Part 1

Format	Color
Hex	849983
RGB	132, 153, 131
RGB Percent	52%, 60%, 51%
CMY	0.4823, 0.4000, 0.4863
CMYK	0.14, 0.00, 0.14, 0.40
HSL	117°, 10%, 56%
HSV	117°, 14%, 60%
XYZ	25.0037, 29.3267, 25.8155
YIQ	144.2130, -5.4540, -11.2940

Conversions

Conversions Part 2

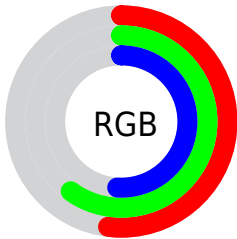
Format	Color
RYB	131, 153, 152
Decimal	8690051
CIELab	61.07, -11.82, 9.09
CIElCh	61, 14.911, 142.429
Yxy	29.3267, 0.3120, 0.3659
Android (android.graphics.Color)	4286880131 (0xFF849983)
YUV	144.2130, -6.5140, -10.7108
Hunter-Lab	54.1541, -12.3539, 9.6441

Details

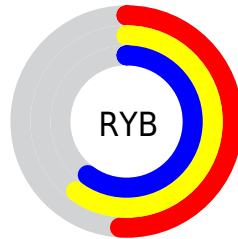
The XYZ color **25.0037, 29.3267, 25.8155** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.8161, 25.2087, 33.5909**, and the grayscale version is **26.6228, 28.0092, 30.5021**.

A 20% lighter version of the original color is **50.9721, 58.4006, 53.9333**, and **9.7540, 11.9058, 9.7666** is the 20% darker color. If you saturate the color by 10%, you get **21.9162, 27.8470, 20.6518**, and if you desaturate by 10%, it is **28.5657, 31.0350, 31.8021**.

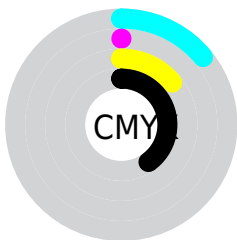
Distribution



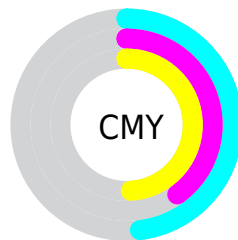
- Red (52%)
- Green (60%)
- Blue (51%)



- Red (51%)
- Yellow (60%)
- Blue (60%)



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0037, 29.3267, 25.8155 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 25.0037, 29.3267, 25.8155 by changing the saturation by 10% instead.

■ 25.0037, 29.3267,
25.8155

■ 25.0037, 29.3267,
25.8155

270.2037,
298.7533, 295.4518

■ 16.2086, 19.3281,
16.4611

■ 51.1061, 58.5957,
53.9576

■ 9.7636, 11.9076,
9.6932

■ 69.1440, 78.6350,
73.5824

■ 5.3036, 6.6808,
5.0931

■ 90.9936, 102.7899,
97.4677

■ 2.4630, 3.2633,
2.2423

117.0202,
131.4449, 126.0322

■ 0.8767, 1.2707,
0.6986

147.5891,
164.9843, 159.6943

■ 0.0000, 0.1183,
0.0000

183.0658,

■ 0.0000, 0.0000,

203.7926, 198.8726

0.0000

223.8155,
248.2541, 243.9855

■ 25.0037, 29.3267,
25.8155

■ 25.0037, 29.3267,
25.8155

■ 21.9162, 27.8470,
20.6518

■ 28.5657, 31.0350,
31.8021

■ 19.2810, 26.5827,
16.2732

■ 32.6186, 32.9771,
38.6432

■ 17.0776, 25.5249,
12.6419

■ 37.1809, 35.1627,
46.3714

■ 15.2828, 24.6625,
9.7161

■ 42.2693, 37.5999,
55.0166

■ 13.8716, 23.9837,
7.4501

■ 47.9001, 40.2962,
64.6077

■ 12.8160, 23.4751,
5.7925

■ 54.0884, 43.2590,
75.1721

■ 12.0842, 23.1216,
4.6847

■ 60.8491, 46.4953,
86.7362

■ 11.6385, 22.9054,
4.0547

■ 68.1965, 50.0119,
99.3252

■ 11.4788, 22.8285,
3.8013

■ 70.6818, 51.2636,
100.7773

Harmonies

Analogous

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



26.4664, 29.3267, 22.9903



25.0037, 29.3267, 25.8155



24.3165, 29.3267, 30.5364

Triad

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



25.0037, 29.3267, 25.8155



27.3826, 29.3267, 43.8171



31.4896, 29.3267, 28.0034

Complementary

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



25.0037, 29.3267, 25.8155



26.8161, 25.2087, 33.5909

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.



31.7629, 29.3267, 33.3691



25.0037, 29.3267, 25.8155



29.3309, 29.3267, 42.9346

Square

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



25.0037, 29.3267, 25.8155



25.6476, 29.3267, 41.2324



30.9563, 29.3267, 38.9450



30.2260, 29.3267, 24.1469

Rectangle

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



25.0037, 29.3267, 25.8155



24.3669, 29.3267, 34.3019



30.9563, 29.3267, 38.9450



31.7027, 29.3267, 29.6735

Sweetspot

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



25.0045, 29.3280, 25.8161



51.3610, 55.6760, 57.2974



28.4469, 30.8365, 25.9259



11.2350, 12.2430, 12.4733



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.0045, 29.3280, 25.8161



43.0568, 51.6952, 43.3477



25.5525, 29.5292, 29.5141



6.1568, 6.9383, 6.6206



9.4944, 18.8704, 3.1420



0.1480, 0.2852, 0.0473

Inverse Universe

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



26.8161, 25.2087, 33.5909



46.8893, 42.9800, 59.7966



26.2197, 24.9918, 29.4693



6.4335, 6.3093, 7.8077



14.5640, 6.9591, 25.4833



0.2251, 0.1078, 0.3813

Previews

White Background



This preview shows how the XYZ color 25.0037, 29.3267, 25.8155 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0037, 29.3267, 25.8155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

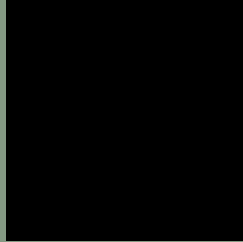
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0037, 29.3267, 25.8155

Background



This preview shows how black text looks on a background with the XYZ color 25.0037, 29.3267, 25.8155.



This preview shows how white text looks on a background with the XYZ color 25.0037, 29.3267,

25.8155.

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

25.0037, 29.3267, 25.8155

Protanopia

27.6564, 29.2960, 24.6191

Deuteranopia

29.6325, 29.1464, 26.2543



Tritanopia

27.4970, 29.3865, 37.9411

Trichromacy



Original Color

25.0037, 29.3267, 25.8155

Protanomaly

26.5640, 29.1909, 25.0032

Deuteranomaly

27.7702, 29.0937, 25.9818

Tritanomaly

26.4030, 29.1656, 33.0921

Monochromacy



Original Color

25.0037, 29.3267, 25.8155

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.9091, 28.3070, 28.5243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0037, 29.3267, 25.8155 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(132, 153, 131)` looks like.

```
.text, #text, p{  
    color:rgb(132, 153, 131)  
}
```

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(132, 153, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 153, 131) }
```

Border

The CSS property to change the border of an element to XYZ 25.0037, 29.3267, 25.8155 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(132, 153, 131) }
```


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

```
.border{ border-color:rgb(132, 153, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 153, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 153, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 153, 131);  
box-shadow:4px 4px 4px 4px rgb(132, 153,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0037, 29.3267, 25.8155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 153, 131) }
```

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

```
.background{ background-color: rgb(132,  
153, 131) }
```

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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