

Converting Colors

XYZ(30.2363, 26.5371, 5.2528)

Have a look what the booklet for
XYZ(30.2363, 26.5371, 5.2528)
contains.

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Color

**XYZ(30.3005, 26.6574,
5.2986)**

Conversions

Conversions Part 1

Format	Color
Hex	C37E25
RGB	195, 126, 37
RGB Percent	76%, 49%, 15%
CMY	0.2353, 0.5059, 0.8549
CMYK	0.00, 0.35, 0.81, 0.24
HSL	34°, 68%, 45%
HSV	34°, 81%, 76%
XYZ	30.3005, 26.6574, 5.2986
YIQ	136.4850, 69.6930, -13.0510

Conversions

Conversions Part 2

Format	Color
RYB	159, 195, 37
Decimal	12811813
CIELab	58.66, 19.77, 55.70
CIELCh	59, 59.104, 70.455
Yxy	26.6574, 0.4867, 0.4282
Android (android.graphics.Color)	4291001893 (0xFFC37E25)
YUV	136.4850, -49.0461, 51.3177
Hunter-Lab	51.6308, 14.4021, 30.0569

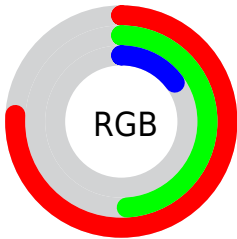
Details

The XYZ color **30.3005, 26.6574, 5.2986** is a dark color, and the websafe version is hex **996600**.

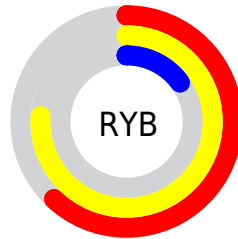
The color can be described as dark muted orange. A complement of this color would be **15.7670, 14.6408, 53.6244**, and the grayscale version is **23.7449, 24.9814, 27.2048**.

A 20% lighter version of the original color is **59.1633, 54.2215, 16.7987**, and **12.8072, 10.5420, 1.3598** is the 20% darker color. If you saturate the color by 10%, you get **29.0293, 24.4813, 3.7465**, and if you desaturate by 10%, it is **31.8290, 29.0870, 7.7429**.

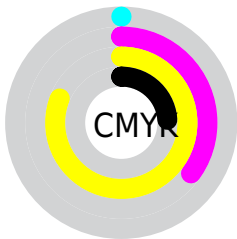
Distribution



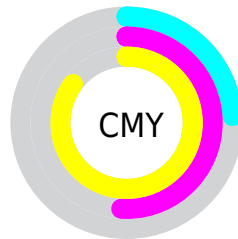
- Red (76%)
- Green (49%)
- Blue (15%)



- Red (62%)
- Yellow (76%)
- Blue (15%)



- Cyan (0%)
- Magenta (35%)
- Yellow (81%)
- Black (24%)





- Cyan (24%)
- Magenta (51%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3005, 26.6574, 5.2986 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 30.3005, 26.6574, 5.2986 by changing the saturation by 10% instead.


 30.3005, 26.6574,
5.2986


 30.3005, 26.6574,
5.2986


295.1874,
285.9945, 161.7196


 20.2160, 17.3161,
2.3617


 59.5204, 54.3336,
16.9085


 12.6613, 10.4601,
0.7655


 79.3866, 73.4373,
26.4186

 7.2711, 5.7051,
0.0000


 103.2440, 96.5639,
38.9569

 3.6801, 2.6666,
0.0000

 131.4580,
124.0978, 54.9419

 1.5228, 0.9603,
0.0000

 164.3940,
156.4234, 74.7921

 0.3413, 0.0000,
0.0000

 202.4174,

 0.0000, 0.0000,

193.9252, 98.9261

0.0000

245.8934,
236.9874, 127.7624

■ 30.3005, 26.6574,
5.2986

■ 30.3005, 26.6574,
5.2986

■ 29.0293, 24.4813,
3.7465

■ 31.8290, 29.0870,
7.7429

■ 28.0650, 22.7210,
2.9064

■ 33.6380, 31.7796,
11.1991

■ 35.7496, 34.7485,
15.7695

■ 38.1825, 38.0046,
21.5436

■ 40.9540, 41.5579,
28.6014

■ 44.0798, 45.4178,
37.0161

■ 47.5744, 49.5933,
46.8555

■ 51.4516, 54.0927,
58.1825

■ 55.7243, 58.9241,
71.0565

Harmonies

Analogous

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



37.5141, 26.6574, 10.0437



30.3005, 26.6574, 5.2986



22.8870, 26.6574, 4.7882

Triad

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



30.3005, 26.6574, 5.2986



13.9382, 26.6574, 36.9026



35.5183, 26.6574, 71.3175

Complementary

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



30.3005, 26.6574, 5.2986



15.7670, 14.6408, 53.6244

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.



27.9560, 26.6574, 88.7729



30.3005, 26.6574, 5.2986



16.1294, 26.6574, 63.4665

Square

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



30.3005, 26.6574, 5.2986



14.3262, 26.6574, 17.5988



20.9476, 26.6574, 85.3622



40.9025, 26.6574, 44.5615

Rectangle

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



30.3005, 26.6574, 5.2986



18.8990, 26.6574, 6.4013



20.9476, 26.6574, 85.3622



33.0928, 26.6574, 78.9353

Sweetspot

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



30.3011, 26.6588, 5.2991



77.0015, 78.9679, 60.9729



25.8794, 14.0102, 15.5559



16.4181, 16.7439, 12.1570



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.3011, 26.6588, 5.2991



50.5542, 41.2055, 5.5064



40.3669, 49.7410, 9.2239



10.5333, 10.9981, 10.6296



18.3258, 14.9373, 1.9173



0.8594, 0.7806, 0.1054

Inverse Universe

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



15.7670, 14.6408, 53.6244



23.8114, 19.2548, 94.9313



11.5898, 5.8191, 52.1418



9.8821, 10.4554, 12.7821



8.6019, 6.9603, 34.4467



0.4401, 0.4377, 1.5112

Previews

White Background



This preview shows how the XYZ color 30.3005, 26.6574, 5.2986 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 30.3005, 26.6574, 5.2986 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 30.3005, 26.6574, 5.2986

Background



This preview shows how black text looks on a background with the XYZ color 30.3005, 26.6574, 5.2986.



This preview shows how white text looks on a background with the XYZ color 30.3005, 26.6574,

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

30.3005, 26.6574, 5.2986

Protanopia

24.3713, 26.8770, 6.0011

Deuteranopia

27.1597, 26.6250, 5.1465



Tritanopia

34.0637, 26.7426, 23.1051

Trichromacy



Original Color

30.3005, 26.6574, 5.2986

Protanomaly

26.2004, 26.5322, 5.7478

Deuteranomaly

28.1722, 26.5384, 5.1510

Tritanomaly

32.1465, 26.4887, 14.0082

Monochromacy



Original Color

30.3005, 26.6574, 5.2986

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.4561, 24.5907, 15.5141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3005, 26.6574, 5.2986 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(195, 126, 37)` looks like.

```
.text, #text, p{  
    color:rgb(195, 126, 37)  
}
```

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(195, 126, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 126, 37) }
```

Border

The CSS property to change the border of an element to XYZ 30.3005, 26.6574, 5.2986 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(195, 126, 37) }
```


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

```
.border{ border-color:rgb(195, 126, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 126, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 126, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 126, 37);  
box-shadow:4px 4px 4px 4px rgb(195, 126,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3005, 26.6574, 5.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 126, 37) }
```

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

```
.background{ background-color: rgb(195,  
126, 37) }
```

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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