

Converting Colors

XYZ(25.4289, 32.9722, 10.1014)

Have a look what the booklet for
XYZ(25.4289, 32.9722, 10.1014)
contains.

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Color

**XYZ(25.4230, 32.9663,
10.1775)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA542
RGB	141, 165, 66
RGB Percent	55%, 65%, 26%
CMY	0.4471, 0.3529, 0.7412
CMYK	0.15, 0.00, 0.60, 0.35
HSL	75°, 43%, 45%
HSV	75°, 60%, 65%
XYZ	25.4230, 32.9663, 10.1775
YIQ	146.5380, 17.4750, -35.8770

Conversions

Conversions Part 2

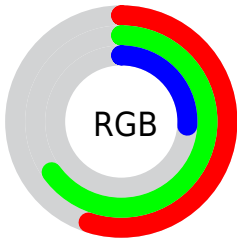
Format	Color
RYB	66, 165, 90
Decimal	9282882
CIELab	64.13, -23.25, 47.40
CIELCh	64, 52.790, 116.128
Yxy	32.9663, 0.3708, 0.4808
Android (android.graphics.Color)	4287472962 (0xFF8DA542)
YUV	146.5380, -39.7052, -4.8568
Hunter-Lab	57.4163, -21.4416, 29.6818

Details

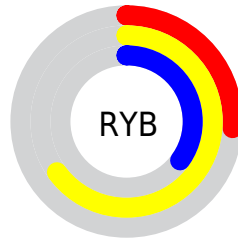
The XYZ color **25.4230, 32.9663, 10.1775** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.9575, 8.7876, 36.6124**, and the grayscale version is **27.6967, 29.1391, 31.7325**.

A 20% lighter version of the original color is **51.8892, 64.3647, 26.8283**, and **9.9789, 13.9047, 2.4164** is the 20% darker color. If you saturate the color by 10%, you get **24.3373, 32.4560, 7.9436**, and if you desaturate by 10%, it is **26.6752, 33.5484, 13.1530**.

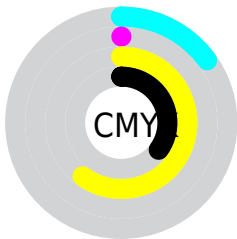
Distribution



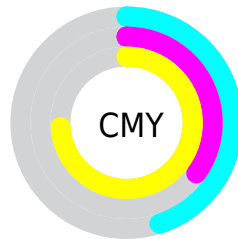
- Red (55%)
- Green (65%)
- Blue (26%)



- Red (26%)
- Yellow (65%)
- Blue (35%)



- Cyan (15%)
- Magenta (0%)
- Yellow (60%)
- Black (35%)



- Cyan (45%)
- Magenta (35%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4230, 32.9663, 10.1775 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 25.4230, 32.9663, 10.1775 by changing the saturation by 10% instead.

■ 25.4230, 32.9663,
10.1775

■ 25.4230, 32.9663,
10.1775

272.2470,
315.4979, 202.4649

■ 16.5229, 22.1006,
5.4097

■ 51.7806, 64.3229,
26.7418

■ 9.9881, 13.9309,
2.4267

■ 69.9688, 85.5826,
39.3754

■ 5.4533, 8.0726,
0.8009

■ 91.9837, 111.0759,
55.4680

■ 2.5531, 4.1414,
0.0000

■ 118.1908,
141.1869, 75.4382

■ 0.9221, 1.7530,
0.0000

■ 148.9552,
176.3003, 99.7044

■ 0.0000, 0.4576,
0.0000

184.6425,

■ 0.0000, 0.0000,

216.8003, 128.6852

0.0000

225.6180,
263.0713, 162.7992

■ 25.4230, 32.9663,
10.1775

■ 25.4230, 32.9663,
10.1775

■ 24.3373, 32.4560,
7.9436

■ 26.6752, 33.5484,
13.1530

■ 23.4030, 32.0079,
6.3837

■ 28.1028, 34.2023,
16.9259

■ 22.6061, 31.6176,
5.4214

■ 29.7167, 34.9337,
21.5489

■ 21.9128, 31.2714,
4.8811

■ 31.5262, 35.7462,
27.0696

■ 21.9128, 31.2714,
4.8811

■ 33.5399, 36.6433,
33.5322

■ 35.7658, 37.6283,
40.9779

■ 38.2116, 38.7043,
49.4455

■ 40.8845, 39.8741,
58.9716

■ 43.7913, 41.1406,
69.5911

Harmonies

Analogous

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



32.3136, 32.9663, 8.5045



25.4230, 32.9663, 10.1775



20.8548, 32.9663, 17.4998

Triad

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



25.4230, 32.9663, 10.1775



23.9891, 32.9663, 82.0403



47.9641, 32.9663, 38.7453

Complementary

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



25.4230, 32.9663, 10.1775



12.9575, 8.7876, 36.6124

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.



44.8395, 32.9663, 64.0562



25.4230, 32.9663, 10.1775



30.3733, 32.9663, 94.5834

Square

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



25.4230, 32.9663, 10.1775



20.1239, 32.9663, 57.2339



38.0956, 32.9663, 86.9561



46.0828, 32.9663, 20.6532

Rectangle

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



25.4230, 32.9663, 10.1775



19.3531, 32.9663, 26.9062



38.0956, 32.9663, 86.9561



47.4529, 32.9663, 46.6905

Sweetspot

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



25.4238, 32.9678, 10.1782



57.0344, 64.2730, 50.2897



20.0823, 15.5551, 7.0987



12.2606, 13.9582, 10.3409



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.



25.4238, 32.9678, 10.1782



42.9995, 57.8448, 13.1705



18.8934, 29.6012, 9.8726



7.4809, 8.1504, 7.5590



16.6228, 23.6798, 3.6946



0.3877, 0.5174, 0.0794

Inverse Universe

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



12.9575, 8.7876, 36.6124



18.7470, 10.6562, 64.8211



19.3217, 12.0685, 36.9103



6.8539, 6.9390, 8.8812



5.8393, 2.4167, 27.0885



0.1621, 0.0711, 0.5710

Previews

White Background



This preview shows how the XYZ color 25.4230, 32.9663, 10.1775 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 25.4230, 32.9663, 10.1775 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 25.4230, 32.9663, 10.1775

Background



This preview shows how black text looks on a background with the XYZ color 25.4230, 32.9663, 10.1775.



This preview shows how white text looks on a background with the XYZ color 25.4230, 32.9663,

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

25.4230, 32.9663, 10.1775

Protanopia

29.8521, 32.6858, 9.4382

Deuteranopia

33.4655, 32.8412, 10.5364



Tritanopia

31.6453, 32.9081, 41.2432

Trichromacy



Original Color

25.4230, 32.9663, 10.1775

Protanomaly

28.0215, 32.7435, 9.6937

Deuteranomaly

29.8634, 32.4251, 10.3149

Tritanomaly

28.6401, 32.7039, 25.9221

Monochromacy



Original Color

25.4230, 32.9663, 10.1775

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.5027, 30.4390, 21.6180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4230, 32.9663, 10.1775 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(141, 165, 66)` looks like.

```
.text, #text, p{  
    color:rgb(141, 165, 66)  
}
```

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(141, 165, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 165, 66) }
```

Border

The CSS property to change the border of an element to XYZ 25.4230, 32.9663, 10.1775 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(141, 165, 66) }
```


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

```
.border{ border-color:rgb(141, 165, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 165, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 165, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 165, 66);  
box-shadow:4px 4px 4px 4px rgb(141, 165,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4230, 32.9663, 10.1775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 165, 66) }
```

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

```
.background{ background-color: rgb(141,  
165, 66) }
```

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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