

Converting Colors

XYZ(25.2085, 26.0741, 12.9368)

Have a look what the booklet for
XYZ(25.2085, 26.0741, 12.9368)
contains.

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Color

**XYZ(25.2043, 26.0695,
12.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	A08958
RGB	160, 137, 88
RGB Percent	63%, 54%, 35%
CMY	0.3726, 0.4627, 0.6549
CMYK	0.00, 0.14, 0.45, 0.37
HSL	41°, 29%, 49%
HSV	41°, 45%, 63%
XYZ	25.2043, 26.0695, 12.9360
YIQ	138.2910, 29.4370, -10.3630

Conversions

Conversions Part 2

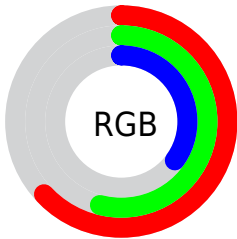
Format	Color
R_{YB}	122, 160, 88
Decimal	10520920
CIE _{Lab}	58.10, 1.82, 29.44
CIE _{LCh}	58, 29.500, 86.462
Yxy	26.0695, 0.3925, 0.4060
Android (android.graphics.Color)	4288711000 (0xFFA08958)
YUV	138.2910, -24.7935, 19.0388
Hunter-Lab	51.0583, -1.2377, 20.7192

Details

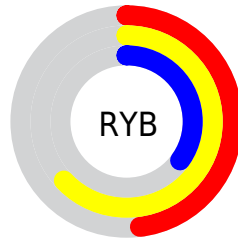
The XYZ color **25.2043, 26.0695, 12.9360** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.0539, 15.9810, 35.4961**, and the grayscale version is **24.3531, 25.6214, 27.9017**.

A 20% lighter version of the original color is **51.3926, 53.2899, 32.0034**, and **9.8718, 10.1023, 3.5275** is the 20% darker color. If you saturate the color by 10%, you get **23.9038, 24.4153, 9.5839**, and if you desaturate by 10%, it is **26.6860, 27.8532, 17.0668**.

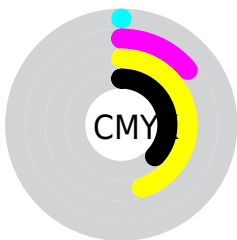
Distribution



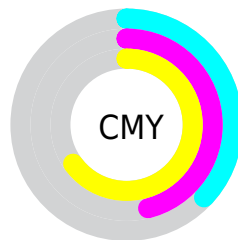
- Red (63%)
- Green (54%)
- Blue (35%)



- Red (48%)
- Yellow (63%)
- Blue (35%)



- Cyan (0%)
- Magenta (14%)
- Yellow (45%)
- Black (37%)



- Cyan (37%)
- Magenta (46%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2043, 26.0695, 12.9360 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 25.2043, 26.0695, 12.9360 by changing the saturation by 10% instead.

■ 25.2043, 26.0695,
12.9360

■ 25.2043, 26.0695,
12.9360

271.1828,
283.1231, 221.7005

■ 16.3589, 16.8756,
7.2543

■ 51.4290, 53.3870,
31.8783

■ 9.8709, 10.1459,
3.5408

■ 69.5389, 72.2795,
45.9759

■ 5.3751, 5.4958,
1.3770

■ 91.4678, 95.1737,
63.7159

■ 2.5060, 2.5410,
0.1236

■ 117.5809,
122.4539, 85.5168

■ 0.8983, 0.8971,
0.0000

■ 148.2435,
154.5045, 111.7972

■ 0.0000, 0.0000,
0.0000

183.8212,

191.7100, 142.9756

224.6791,
234.4547, 179.4705

■ 25.2043, 26.0695,
12.9360

■ 25.2043, 26.0695,
12.9360

■ 23.9038, 24.4153,
9.5839

■ 26.6860, 27.8532,
17.0668

■ 22.7725, 22.8821,
6.9580

■ 28.3561, 29.7671,
22.0208

■ 21.7997, 21.4659,
5.0020

■ 30.2239, 31.8165,
27.8413

■ 20.9726, 20.1606,
3.6502

■ 32.2972, 34.0054,
34.5678

■ 20.2750, 18.9592,
2.8206

■ 34.5835, 36.3375,
42.2375

■ 19.9549, 18.3890,
2.4977

■ 37.0900, 38.8162,
50.8855

■ 39.8232, 41.4449,
60.5451

■ 42.7897, 44.2269,
71.2479

■ 45.9955, 47.1652,
83.0244

Harmonies

Analogous

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



28.7681, 26.0695, 14.9484



25.2043, 26.0695, 12.9360



21.8432, 26.0695, 14.1711

Triad

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



25.2043, 26.0695, 12.9360



19.1264, 26.0695, 38.0791



30.9525, 26.0695, 40.6927

Complementary

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



25.2043, 26.0695, 12.9360



16.0539, 15.9810, 35.4961

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.



27.9652, 26.0695, 49.8760



25.2043, 26.0695, 12.9360



21.1756, 26.0695, 48.1302

Square

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



25.2043, 26.0695, 12.9360



18.5383, 26.0695, 27.1893



24.3571, 26.0695, 52.8794



32.2816, 26.0695, 29.6158

Rectangle

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



25.2043, 26.0695, 12.9360



20.1272, 26.0695, 16.8815



24.3571, 26.0695, 52.8794



30.0958, 26.0695, 44.1971

Sweetspot

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



25.2049, 26.0707, 12.9365



55.5090, 58.4464, 52.5666



20.9117, 15.6231, 17.2429



12.0086, 12.6407, 11.0009



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.



25.2049, 26.0707, 12.9365



43.3933, 44.3191, 17.3786



26.5450, 32.1420, 14.0378



6.9914, 7.3628, 7.0383



15.5855, 14.4066, 1.9593



0.3150, 0.3302, 0.0471

Inverse Universe

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



16.0539, 15.9810, 35.4961



24.6496, 23.6755, 63.6572



15.0906, 12.2271, 34.8223



6.4491, 6.7639, 8.3723



5.9046, 3.9007, 26.3489



0.1414, 0.1414, 0.4831

Previews

White Background



This preview shows how the XYZ color 25.2043, 26.0695, 12.9360 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 25.2043, 26.0695, 12.9360 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 25.2043, 26.0695, 12.9360

Background



This preview shows how black text looks on a background with the XYZ color 25.2043, 26.0695, 12.9360.



This preview shows how white text looks on a background with the XYZ color 25.2043, 26.0695,

12.9360.

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

25.2043, 26.0695, 12.9360

Protanopia

24.1302, 26.1528, 13.2274

Deuteranopia

26.6905, 26.2065, 13.1028



Tritanopia

28.4411, 26.1550, 28.7487

Trichromacy



Original Color

25.2043, 26.0695, 12.9360

Protanomaly

24.5534, 26.1551, 13.2055

Deuteranomaly

26.1930, 26.1562, 13.1193

Tritanomaly

27.0046, 25.9667, 22.0011

Monochromacy



Original Color

25.2043, 26.0695, 12.9360

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.3327, 25.6440, 21.4366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2043, 26.0695, 12.9360 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(160, 137, 88)` looks like.

```
.text, #text, p{  
    color:rgb(160, 137, 88)  
}
```

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(160, 137, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 137, 88) }
```

Border

The CSS property to change the border of an element to XYZ 25.2043, 26.0695, 12.9360 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(160, 137, 88) }
```


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

```
.border{ border-color:rgb(160, 137, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 137, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 137, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 137, 88);  
box-shadow:4px 4px 4px 4px rgb(160, 137,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2043, 26.0695, 12.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 137, 88) }
```

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

```
.background{ background-color: rgb(160,  
137, 88) }
```

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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