

Converting Colors

XYZ(28.3776, 36.7323, 26.0711)

Have a look what the booklet for
XYZ(28.3776, 36.7323, 26.0711)
contains.

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Color

**XYZ(28.2383, 36.5764,
25.9937)**

Conversions

Conversions Part 1

Format	Color
Hex	82AE80
RGB	130, 174, 128
RGB Percent	51%, 68%, 50%
CMY	0.4902, 0.3176, 0.4980
CMYK	0.25, 0.00, 0.26, 0.32
HSL	117°, 22%, 59%
HSV	117°, 26%, 68%
XYZ	28.2383, 36.5764, 25.9937
YIQ	155.6000, -11.4580, -23.6340

Conversions

Conversions Part 2

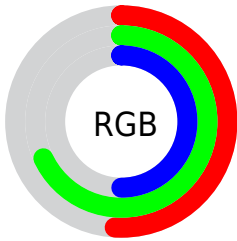
Format	Color
RYB	128, 174, 172
Decimal	8564352
CIELab	66.96, -23.94, 18.96
CIELCh	67, 30.542, 141.624
Yxy	36.5764, 0.3110, 0.4028
Android (android.graphics.Color)	4286754432 (0xFF82AE80)
YUV	155.6000, -13.6068, -22.4512
Hunter-Lab	60.4784, -22.4929, 16.8520

Details

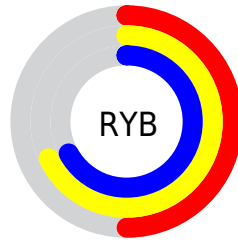
The XYZ color **28.2383, 36.5764, 25.9937** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **32.3738, 27.2660, 43.6028**, and the grayscale version is **31.4849, 33.1245, 36.0726**.

A 20% lighter version of the original color is **56.4045, 70.1202, 54.2778**, and **11.4731, 15.9015, 9.8617** is the 20% darker color. If you saturate the color by 10%, you get **24.8402, 34.9469, 20.3603**, and if you desaturate by 10%, it is **32.2477, 38.5005, 32.6826**.

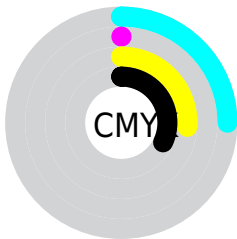
Distribution



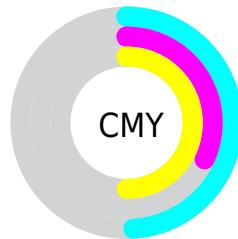
- Red (51%)
- Green (68%)
- Blue (50%)



- Red (50%)
- Yellow (68%)
- Blue (67%)



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)
- Black (32%)



- Cyan (49%)
- Magenta (32%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2383, 36.5764, 25.9937 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 28.2383, 36.5764, 25.9937 by changing the saturation by 10% instead.

■ 28.2383, 36.5764,
25.9937

■ 28.2383, 36.5764,
25.9937

285.6633,
331.4729, 296.3556

■ 18.6467, 24.8797,
16.5932

■ 56.2707, 69.9208,
54.2487

■ 11.5178, 15.9874,
9.7860

■ 75.4422, 92.3373,
73.9404

■ 6.4861, 9.5153,
5.1536

■ 98.5377, 119.0958,
97.8995

■ 3.1863, 5.0788,
2.2773

125.9226,
150.5808, 126.5445

■ 1.2530, 2.2936,
0.7185

157.9623,
187.1766, 160.2942

■ 0.1476, 0.7703,
0.0000

195.0221,

■ 0.0000, 0.0000,

229.2676, 199.5669

0.0000

237.4673,
277.2382, 244.7812

■ 28.2383, 36.5764,
25.9937

■ 28.2383, 36.5764,
25.9937

■ 24.8402, 34.9469,
20.3603

■ 32.2477, 38.5005,
32.6826

■ 22.0207, 33.5930,
15.7261

■ 36.8934, 40.7278,
40.4743

■ 19.7485, 32.5010,
12.0336

■ 42.2024, 43.2723,
49.4164

■ 17.9879, 31.6539,
9.2183

■ 48.1994, 46.1457,
59.5529

■ 16.6992, 31.0327,
7.2076

■ 54.9076, 49.3591,
70.9255

■ 15.8369, 30.6159,
5.9172

■ 62.3494, 52.9233,
83.5740

■ 15.3440, 30.3764,
5.2325

■ 70.5461, 56.8483,
97.5361

■ 15.2314, 30.3223,
5.0500

■ 74.4267, 58.7535,
102.0256

Harmonies

Analogous

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



31.5842, 36.5764, 20.5049



28.2383, 36.5764, 25.9937



26.6753, 36.5764, 36.2235

Triad

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



28.2383, 36.5764, 25.9937



33.4832, 36.5764, 70.7737



43.7211, 36.5764, 31.1441

Complementary

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



28.2383, 36.5764, 25.9937



32.3738, 27.2660, 43.6028

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.



44.3437, 36.5764, 43.6586



28.2383, 36.5764, 25.9937



38.1520, 36.5764, 68.5621

Square

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



28.2383, 36.5764, 25.9937



29.5224, 36.5764, 63.3612



42.2265, 36.5764, 57.8567



40.5936, 36.5764, 22.9861

Rectangle

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



28.2383, 36.5764, 25.9937



26.7489, 36.5764, 45.1903



42.2265, 36.5764, 57.8567



44.2407, 36.5764, 34.9030

Sweetspot

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



28.2393, 36.5780, 25.9945



65.3984, 73.1446, 70.8594



36.0489, 39.9499, 26.2337



14.2470, 16.1189, 15.2648



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.2393, 36.5780, 25.9945



47.3144, 64.4716, 40.6649



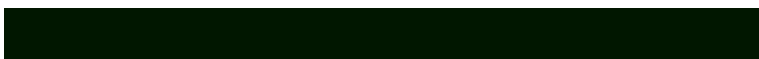
29.4401, 37.0232, 33.9039



7.9355, 8.9553, 8.5237



11.0602, 21.9988, 3.6633



0.3179, 0.6172, 0.1024

Inverse Universe

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



32.3738, 27.2660, 43.6028



56.1440, 44.5765, 78.2819



30.9505, 26.7478, 33.7998



8.3022, 8.1301, 10.0844



17.0271, 8.1377, 29.7178



0.4840, 0.2317, 0.8272

Previews

White Background



This preview shows how the XYZ color 28.2383, 36.5764, 25.9937 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 28.2383, 36.5764, 25.9937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

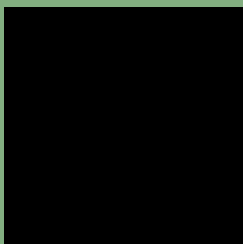
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.2383, 36.5764, 25.9937

Background



This preview shows how black text looks on a background with the XYZ color 28.2383, 36.5764, 25.9937.



This preview shows how white text looks on a background with the XYZ color 28.2383, 36.5764,

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

28.2383, 36.5764, 25.9937

Protanopia

33.9510, 36.2694, 23.9502

Deuteranopia

37.0396, 36.2617, 26.8768



Tritanopia

32.7044, 36.4217, 48.4864

Trichromacy



Original Color

28.2383, 36.5764, 25.9937

Protanomaly

31.4384, 36.0222, 24.6980

Deuteranomaly

33.3424, 36.1579, 26.6946

Tritanomaly

30.9611, 36.5569, 39.1426

Monochromacy



Original Color

28.2383, 36.5764, 25.9937

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.3181, 34.4728, 32.2501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2383, 36.5764, 25.9937 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(130, 174, 128)` looks like.

```
.text, #text, p{  
    color:rgb(130, 174, 128)  
}
```

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(130, 174, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 174, 128) }
```

Border

The CSS property to change the border of an element to XYZ 28.2383, 36.5764, 25.9937 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(130, 174, 128) }
```


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

```
.border{ border-color:rgb(130, 174, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 174, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 174, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 174, 128);  
box-shadow:4px 4px 4px 4px rgb(130, 174,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2383, 36.5764, 25.9937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 174, 128) }
```

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

```
.background{ background-color: rgb(130,  
174, 128) }
```

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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