

Converting Colors

XYZ(25.4845, 36.5628, 23.6046)

Have a look what the booklet for
XYZ(25.4845, 36.5628, 23.6046)
contains.

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Color

**XYZ(25.5737, 36.7221,
23.5095)**

Conversions

Conversions Part 1

Format	Color
Hex	6BB378
RGB	107, 179, 120
RGB Percent	42%, 70%, 47%
CMY	0.5804, 0.2980, 0.5294
CMYK	0.40, 0.00, 0.33, 0.30
HSL	131°, 32%, 56%
HSV	131°, 40%, 70%
XYZ	25.5737, 36.7221, 23.5095
YIQ	150.7460, -23.9730, -33.6130

Conversions

Conversions Part 2

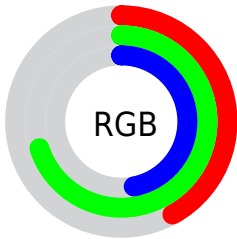
Format	Color
RYB	107, 168, 179
Decimal	7058296
CIELab	67.07, -35.26, 23.24
CIELCh	67, 42.228, 146.615
Yxy	36.7221, 0.2980, 0.4280
Android (android.graphics.Color)	4285248376 (0xFF6BB378)
YUV	150.7460, -15.1578, -38.3652
Hunter-Lab	60.5988, -30.7178, 19.4174

Details

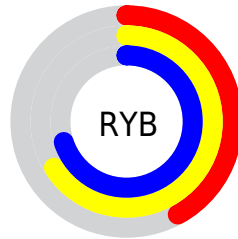
The XYZ color **25.5737, 36.7221, 23.5095** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.7323, 22.8531, 38.8692**, and the grayscale version is **29.3777, 30.9076, 33.6584**.

A 20% lighter version of the original color is **51.9491, 70.0109, 50.3106**, and **10.1195, 16.1609, 8.5473** is the 20% darker color. If you saturate the color by 10%, you get **22.8173, 35.3973, 19.0844**, and if you desaturate by 10%, it is **28.9139, 38.3342, 28.6754**.

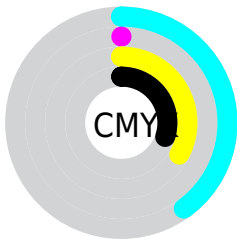
Distribution



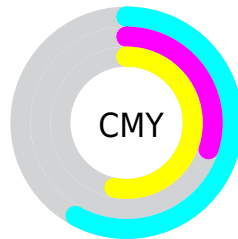
- Red (42%)
- Green (70%)
- Blue (47%)



- Red (42%)
- Yellow (66%)
- Blue (70%)



- Cyan (40%)
- Magenta (0%)
- Yellow (33%)
- Black (30%)



- Cyan (58%)
- Magenta (30%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5737, 36.7221, 23.5095 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 25.5737, 36.7221, 23.5095 by changing the saturation by 10% instead.

■ 25.5737, 36.7221,
23.5095

■ 25.5737, 36.7221,
23.5095

272.9783,
332.1058, 283.5375

■ 16.6360, 24.9924,
14.7613

■ 52.0226, 70.1452,
50.1623

■ 10.0690, 16.0714,
8.5073

■ 70.2646, 92.6073,
68.9041

■ 5.5073, 9.5747,
4.3288

■ 92.3386, 119.4157,
91.8141

■ 2.5857, 5.1179,
1.8074

■ 118.6102,
150.9548, 119.3110

■ 0.9387, 2.3166,
0.4328

149.4446,
187.6090, 151.8132

■ 0.0000, 0.7825,
0.0000

185.2072,

■ 0.0000, 0.0000,

229.7626, 189.7393

0.0000

226.2633,
277.8001, 233.5079

■ 25.5737, 36.7221,
23.5095

■ 25.5737, 36.7221,
23.5095

■ 22.8173, 35.3973,
19.0844

■ 28.9139, 38.3342,
28.6754

■ 20.6080, 34.3384,
15.3638

■ 32.8661, 40.2444,
34.6114

■ 18.9092, 33.5284,
12.3119


■ 37.4603, 42.4684,
41.3480


■ 17.6788, 32.9465,
9.8890


■ 42.7234, 45.0196,
48.9136


■ 16.8673, 32.5680,
8.0508


■ 48.6809, 47.9106,
57.3351

 16.3859, 32.3477,
6.7696

 55.3569, 51.1532,
66.6380

 62.7744, 54.7588,
76.8470

 70.9554, 58.7382,
87.9857

 74.9341, 60.5310,
99.8435

Harmonies

Analogous

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



29.6579, 36.7221, 15.9669



25.5737, 36.7221, 23.5095



23.9698, 36.7221, 37.9322

Triad

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



25.5737, 36.7221, 23.5095



34.1792, 36.7221, 86.7015



47.1491, 36.7221, 26.1402

Complementary

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



25.5737, 36.7221, 23.5095



30.7323, 22.8531, 38.8692

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.



48.7395, 36.7221, 42.1087



25.5737, 36.7221, 23.5095



40.7333, 36.7221, 80.6716

Square

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



25.5737, 36.7221, 23.5095



28.5394, 36.7221, 77.3834



46.2638, 36.7221, 62.7736



42.1491, 36.7221, 17.1262

Rectangle

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



25.5737, 36.7221, 23.5095



24.3565, 36.7221, 50.9740



46.2638, 36.7221, 62.7736



48.1248, 36.7221, 30.6995

Sweetspot

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



25.5746, 36.7236, 23.5103



65.3658, 75.2225, 71.5464



34.7118, 41.5190, 20.0947



14.2402, 16.5486, 15.4986



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.5746, 36.7236, 23.5103



41.5003, 63.6987, 35.2203



28.1010, 37.7342, 36.8139



8.4496, 9.5143, 9.3611



11.5964, 22.8645, 4.8774



0.3836, 0.7269, 0.2523

Inverse Universe

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



30.7323, 22.8531, 38.8692



51.9677, 35.5083, 66.3616



27.9459, 21.7385, 24.1965



8.7829, 8.6199, 10.3551



16.8625, 8.2626, 20.2338



0.5477, 0.2668, 0.7270

Previews

White Background



This preview shows how the XYZ color 25.5737, 36.7221, 23.5095 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 25.5737, 36.7221, 23.5095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

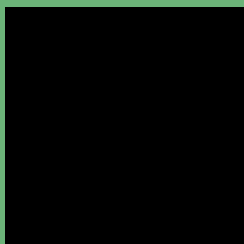
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5737, 36.7221, 23.5095

Background



This preview shows how black text looks on a background with the XYZ color 25.5737, 36.7221, 23.5095.



This preview shows how white text looks on a background with the XYZ color 25.5737, 36.7221,

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

25.5737, 36.7221, 23.5095

Protanopia

33.5802, 36.1469, 20.8300

Deuteranopia

37.0760, 36.3340, 24.4611



Tritanopia

31.2050, 36.6936, 51.3368

Trichromacy



Original Color

25.5737, 36.7221, 23.5095

Protanomaly

29.7327, 35.7502, 21.8564

Deuteranomaly

31.3478, 35.4546, 23.9301

Tritanomaly

28.7715, 36.5583, 39.2583

Monochromacy



Original Color

25.5737, 36.7221, 23.5095

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.4702, 32.5341, 29.6428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5737, 36.7221, 23.5095 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(107, 179, 120)` looks like.

```
.text, #text, p{  
    color:rgb(107, 179, 120)  
}
```

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(107, 179, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 179, 120) }
```

Border

The CSS property to change the border of an element to XYZ 25.5737, 36.7221, 23.5095 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(107, 179, 120) }
```


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

```
.border{ border-color:rgb(107, 179, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 179, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 179, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 179, 120);  
box-shadow:4px 4px 4px 4px rgb(107, 179,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5737, 36.7221, 23.5095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 179, 120) }
```

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

```
.background{ background-color: rgb(107,  
179, 120) }
```

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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