

Converting Colors

XYZ(56.1772, 51.8302, 37.0944)

Have a look what the booklet for
XYZ(56.1772, 51.8302, 37.0944)
contains.

XYZ(56.2622, 51.9736, 37.2036)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.2622, 51.9736,
37.2036)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB299
RGB	236, 178, 153
RGB Percent	93%, 70%, 60%
CMY	0.0745, 0.3019, 0.4000
CMYK	0.00, 0.25, 0.35, 0.07
HSL	18°, 69%, 76%
HSV	18°, 35%, 93%
XYZ	56.2622, 51.9736, 37.2036
YIQ	192.4920, 42.5930, 4.5210

Conversions

Conversions Part 2

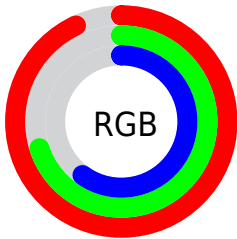
Format	Color
R _Y B	236, 189, 153
Decimal	15512217
CIE Lab	77.27, 17.82, 20.98
CIE LCh	77, 27.524, 49.665
Yxy	51.9736, 0.3868, 0.3574
Android (android.graphics.Color)	4293702297 (0xFFECB299)
YUV	192.4920, -19.4696, 38.1565
Hunter-Lab	72.0927, 13.1417, 19.8682

Details

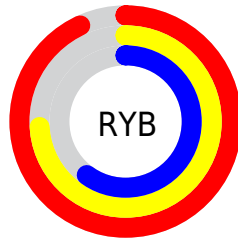
The XYZ color **56.2622, 51.9736, 37.2036** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.5705, 59.4147, 88.1069**, and the grayscale version is **50.4847, 53.1139, 57.8410**.

A 20% lighter version of the original color is **81.9253, 84.6106, 71.0450**, and **28.3223, 25.2102, 15.9437** is the 20% darker color. If you saturate the color by 10%, you get **51.4165, 45.0990, 26.9042**, and if you desaturate by 10%, it is **61.8906, 59.7962, 49.6669**.

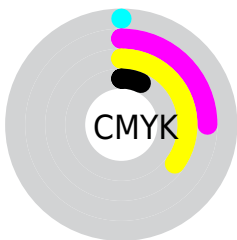
Distribution



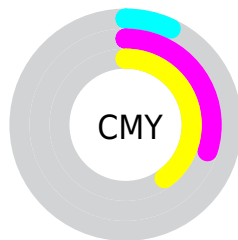
- Red (93%)
- Green (70%)
- Blue (60%)



- Red (93%)
- Yellow (74%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (35%)
- Black (7%)





- Cyan (7%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2622, 51.9736, 37.2036 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 56.2622, 51.9736, 37.2036 by changing the saturation by 10% instead.


 56.2622, 51.9736,
37.2036


 56.2622, 51.9736,
37.2036


400.7379,
394.3347, 349.3864

 40.6510, 36.9840,
25.0681


 98.5254, 93.0923,
72.0756

 28.2330, 25.1951,
15.9084


 125.9082,
119.9902, 95.6493

 18.6427, 16.2225,
9.3057


157.9455,
151.6264, 123.8728

 11.5149, 9.6817,
4.8416

195.0027,
188.3852, 157.1646

 6.4841, 5.1884,
2.0975

237.4452,
230.6510, 195.9434

 3.1850, 2.3583,
0.6143

285.6383,

 1.2524, 0.8043,

278.8083, 240.6275

0.0000

339.9474,
333.2414, 291.6357

■ 0.1471, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2622, 51.9736,
37.2036

■ 56.2622, 51.9736,
37.2036

■ 51.4165, 45.0990,
26.9042

■ 61.8906, 59.7962,
49.6669

■ 47.3126, 39.1281,
18.6405

■ 68.3318, 68.5942,
64.4057

■ 43.9120, 34.0236,
12.2757

■ 75.6192, 78.4031,
81.5277

■ 41.1704, 29.7430,
7.6548

■ 83.7832, 89.2543,
101.1328

■ 39.0379, 26.2391,
4.5974

■ 88.4020, 96.5728,
108.5889

■ 37.4555, 23.4594,
2.8829

■ 36.8516, 22.3519,
2.3721

Harmonies

Analogous

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



59.5836, 51.9736, 47.3637



56.2622, 51.9736, 37.2036



51.2421, 51.9736, 32.5461

Triad

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



56.2622, 51.9736, 37.2036



40.0745, 51.9736, 51.5356



52.8933, 51.9736, 88.6028

Complementary

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



56.2622, 51.9736, 37.2036



51.5705, 59.4147, 88.1069

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.



47.6013, 51.9736, 90.2627



56.2622, 51.9736, 37.2036



40.4472, 51.9736, 66.9438

Square

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



56.2622, 51.9736, 37.2036



42.0614, 51.9736, 39.7884



43.1186, 51.9736, 81.7578



57.5447, 51.9736, 77.5600

Rectangle

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



56.2622, 51.9736, 37.2036



47.7153, 51.9736, 32.5054



43.1186, 51.9736, 81.7578



51.1226, 51.9736, 90.3432

Sweetspot

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



56.2635, 51.9761, 37.2046



84.9214, 86.4496, 84.8475



57.7540, 45.3240, 67.3984



17.9282, 18.1686, 17.5792



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.



56.2635, 51.9761, 37.2046



62.9321, 56.1044, 35.4878



65.7780, 71.0049, 40.3761



15.4354, 15.7939, 15.7537



20.4124, 12.5191, 1.3406



1.6845, 1.1464, 0.1325

Inverse Universe

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



51.5705, 59.4147, 88.1069



56.5614, 66.1400, 104.3929



42.5775, 41.4287, 85.1092



15.1124, 16.3112, 19.2741



15.8713, 18.3896, 46.4560



1.3300, 1.6114, 3.6758

Previews

White Background



This preview shows how the XYZ color 56.2622, 51.9736, 37.2036 looks on a white background.

Color Contrast Check

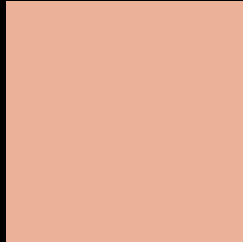
Large Text (above 18pt) WCAG AA × Fail

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 56.2622, 51.9736, 37.2036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

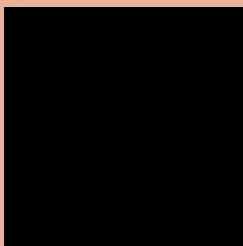
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2622, 51.9736, 37.2036

Background



This preview shows how black text looks on a background with the XYZ color 56.2622, 51.9736, 37.2036.



This preview shows how white text looks on a background with the XYZ color 56.2622, 51.9736,

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

56.2622, 51.9736, 37.2036

Protanopia

49.2459, 52.3214, 40.3044

Deuteranopia

53.2394, 52.2360, 36.9823



Tritanopia

59.5098, 51.8257, 53.8806

Trichromacy



Original Color

56.2622, 51.9736, 37.2036

Protanomaly

51.3763, 51.8483, 39.1982

Deuteranomaly

54.3904, 52.2169, 36.9179

Tritanomaly

58.3277, 51.9322, 47.5072

Monochromacy



Original Color

56.2622, 51.9736, 37.2036

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.8186, 52.1649, 49.4572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2622, 51.9736, 37.2036 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(236, 178, 153)` looks like.

```
.text, #text, p{  
    color:rgb(236, 178, 153)  
}
```

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(236, 178, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 178, 153) }
```

Border

The CSS property to change the border of an element to XYZ 56.2622, 51.9736, 37.2036 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(236, 178, 153) }
```


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

```
.border{ border-color:rgb(236, 178, 153) }
```

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

Here you see how a box with a 4 pixel rgb(236, 178, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 178, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 178, 153);  
box-shadow:4px 4px 4px 4px rgb(236, 178,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2622, 51.9736, 37.2036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 178, 153) }
```

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

```
.background{ background-color: rgb(236,  
178, 153) }
```

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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