

Converting Colors

XYZ(53.2337, 47.8207, 36.6294)

Have a look what the booklet for
XYZ(53.2337, 47.8207, 36.6294)
contains.

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Color

**XYZ(53.2164, 47.8316,
36.5646)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A999
RGB	232, 169, 153
RGB Percent	91%, 66%, 60%
CMY	0.0902, 0.3372, 0.4000
CMYK	0.00, 0.27, 0.34, 0.09
HSL	12°, 63%, 75%
HSV	12°, 34%, 91%
XYZ	53.2164, 47.8316, 36.5646
YIQ	186.0130, 42.6840, 8.3800

Conversions

Conversions Part 2

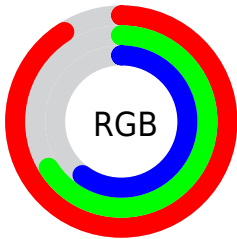
Format	Color
R _Y B	232, 173, 153
Decimal	15247769
CIE Lab	74.72, 21.07, 17.40
CIE LCh	75, 27.327, 39.538
Yxy	47.8316, 0.3867, 0.3476
Android (android.graphics.Color)	4293437849 (0xFFE8A999)
YUV	186.0130, -16.2754, 40.3306
Hunter-Lab	69.1604, 16.3186, 17.0661

Details

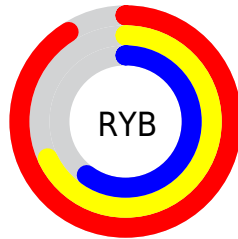
The XYZ color **53.2164, 47.8316, 36.5646** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2573, 61.7080, 85.5005**, and the grayscale version is **46.7520, 49.1867, 53.5644**.

A 20% lighter version of the original color is **79.1581, 79.0763, 70.1227**, and **26.4388, 22.7958, 15.5769** is the 20% darker color. If you saturate the color by 10%, you get **48.2819, 40.7367, 26.3675**, and if you desaturate by 10%, it is **59.0129, 56.0540, 48.8880**.

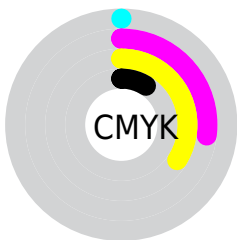
Distribution



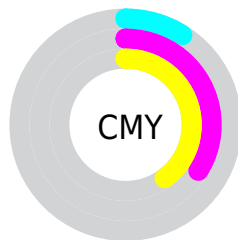
- Red (91%)
- Green (66%)
- Blue (60%)



- Red (91%)
- Yellow (68%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (34%)
- Black (9%)





- Cyan (9%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2164, 47.8316, 36.5646 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 53.2164, 47.8316, 36.5646 by changing the saturation by 10% instead.


 53.2164, 47.8316,
36.5646

 53.2164, 47.8316,
36.5646


389.3621,
378.1242, 346.5334

 38.2037, 33.6935,
24.5774

 94.0864, 86.9536,
71.0815

 26.3188, 22.6583,
15.5464


 120.6744,
112.7064, 94.4482

 17.1962, 14.3414,
9.0529


151.8515,
143.0995, 122.4452

 10.4706, 8.3585,
4.6784

187.9832,
178.5174, 155.4911

 5.7768, 4.3252,
2.0044

229.4347,
219.3444, 194.0043

 2.7492, 1.8571,
0.5580

276.5715,

 1.0226, 0.5224,

265.9649, 238.4034

0.0000

329.7588,
318.7634, 289.1069

■ 0.0000, 0.0000,
0.0000

■ 53.2164, 47.8316,
36.5646

■ 53.2164, 47.8316,
36.5646

■ 48.2819, 40.7367,
26.3675

■ 59.0129, 56.0540,
48.8880

■ 44.1637, 34.7132,
18.1728

■ 65.7068, 65.4433,
63.4462

■ 40.8174, 29.7101,
11.8484

■ 73.3360, 76.0454,
80.3436

■ 38.1924, 25.6698,
7.2447

■ 81.9349, 87.9018,
99.6773

■ 36.2321, 22.5284,
4.1891

■ 87.0887, 95.8958,
108.5274

■ 34.8700, 20.2138,
2.4722

■ 34.2953, 19.1890,
1.8963

Harmonies

Analogous

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



55.5248, 47.8316, 47.6872



53.2164, 47.8316, 36.5646



48.8766, 47.8316, 30.4637

Triad

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



53.2164, 47.8316, 36.5646



37.1045, 47.8316, 43.1086



47.0602, 47.8316, 83.9047

Complementary

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



53.2164, 47.8316, 36.5646



52.2573, 61.7080, 85.5005

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.



42.2112, 47.8316, 82.0697



53.2164, 47.8316, 36.5646



36.6958, 47.8316, 56.7357

Square

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



53.2164, 47.8316, 36.5646



39.6609, 47.8316, 33.7379



38.5009, 47.8316, 71.4616



51.8039, 47.8316, 76.0959

Rectangle

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



53.2164, 47.8316, 36.5646



45.5395, 47.8316, 29.2754



38.5009, 47.8316, 71.4616



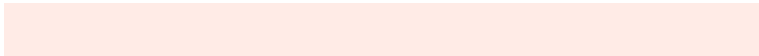
45.3856, 47.8316, 84.4231

Sweetspot

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



53.2176, 47.8339, 36.5656



85.0656, 86.1708, 86.6445



57.0907, 44.9069, 70.7605



17.9278, 18.0548, 17.9277



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.



53.2176, 47.8339, 36.5656



61.4637, 52.8413, 36.0044



61.6578, 64.7141, 39.3789



14.6123, 14.8385, 14.9984



19.1109, 10.7959, 1.0766



1.4774, 0.9281, 0.1013

Inverse Universe

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



52.2573, 61.7080, 85.5005



60.0820, 72.4894, 105.4329



43.3657, 43.9249, 82.5367



14.5465, 15.8143, 18.4301



17.8094, 22.6810, 45.8224



1.3790, 1.8020, 3.4071

Previews

White Background



This preview shows how the XYZ color 53.2164, 47.8316, 36.5646 looks on a white background.

Color Contrast Check

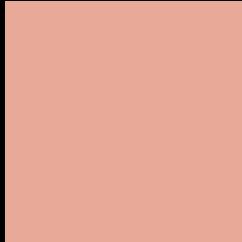
Large Text (above 18pt) WCAG AA × Fail

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 53.2164, 47.8316, 36.5646 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 53.2164, 47.8316, 36.5646

Background



This preview shows how black text looks on a background with the XYZ color 53.2164, 47.8316, 36.5646.



This preview shows how white text looks on a background with the XYZ color 53.2164, 47.8316,

36.5646.

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

53.2164, 47.8316, 36.5646

Protanopia

45.4780, 48.1565, 40.1559

Deuteranopia

48.7486, 47.8248, 35.9399



Tritanopia

55.7520, 47.7868, 48.4048

Trichromacy



Original Color

53.2164, 47.8316, 36.5646

Protanomaly

47.9380, 47.9399, 38.6250

Deuteranomaly

50.3187, 47.7547, 36.2713

Tritanomaly

54.7293, 47.6294, 43.8450

Monochromacy



Original Color

53.2164, 47.8316, 36.5646

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.5898, 48.3950, 46.8246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2164, 47.8316, 36.5646 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(232, 169, 153)` looks like.

```
.text, #text, p{  
    color:rgb(232, 169, 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(232, 169, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 169, 153) }
```

Border

The CSS property to change the border of an element to XYZ 53.2164, 47.8316, 36.5646 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(232, 169, 153) }
```


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

```
.border{ border-color:rgb(232, 169, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 169, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 169, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 169, 153);  
box-shadow:4px 4px 4px 4px rgb(232, 169,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2164, 47.8316, 36.5646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 169, 153) }
```

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

```
.background{ background-color: rgb(232,  
169, 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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