

Converting Colors

XYZ(72.1562, 58.4881, 37.3090)

Have a look what the booklet for
XYZ(72.1562, 58.4881, 37.3090)
contains.

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Color

**XYZ(61.6600, 53.0320,
36.6921)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAC98
RGB	255, 172, 152
RGB Percent	100%, 67%, 60%
CMY	0.0000, 0.3255, 0.4039
CMYK	0.00, 0.33, 0.40, 0.00
HSL	12°, 100%, 80%
HSV	12°, 40%, 100%
XYZ	61.6600, 53.0320, 36.6921
YIQ	194.5370, 55.8880, 11.3760

Conversions

Conversions Part 2

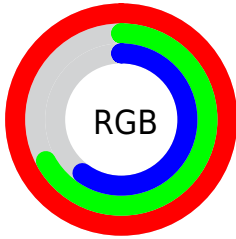
Format	Color
R_{YB}	255, 177, 152
Decimal	16755864
CIE _{Lab}	77.89, 28.12, 22.71
CIE _{LCh}	78, 36.147, 38.921
Yxy	53.0320, 0.4073, 0.3503
Android (android.graphics.Color)	4294945944 (0xFFFFAC98)
YUV	194.5370, -20.9707, 53.0261
Hunter-Lab	72.8231, 23.6973, 21.1027

Details

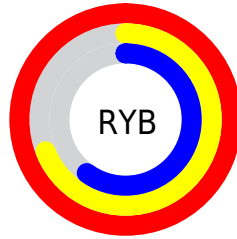
The XYZ color **61.6600, 53.0320, 36.6921** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.7059, 73.3091, 105.5582**, and the grayscale version is **51.6950, 54.3872, 59.2276**.

A 20% lighter version of the original color is **80.1240, 81.2030, 69.8433**, and **31.7107, 25.8690, 15.6338** is the 20% darker color. If you saturate the color by 10%, you get **56.1790, 45.0607, 25.6453**, and if you desaturate by 10%, it is **68.1973, 62.3973, 50.3069**.

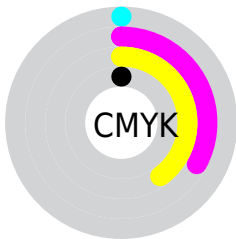
Distribution



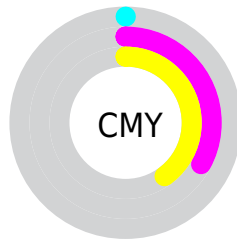
- Red (100%)
- Green (67%)
- Blue (60%)



- Red (100%)
- Yellow (69%)
- Blue (60%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6600, 53.0320, 36.6921 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 61.6600, 53.0320, 36.6921 by changing the saturation by 10% instead.


 61.6600, 53.0320,
36.6921

 61.6600, 53.0320,
36.6921


420.4271,
398.4079, 347.1040

 45.0126, 37.8283,
24.6753


 106.3267, 94.6515,
71.2800

 31.6687, 25.8495,
15.6185


 135.0767,
121.8360, 94.6882

 21.2629, 16.7111,
9.1032


168.5916,
153.7830, 122.7305

 13.4298, 10.0287,
4.7108

207.2368,
190.8768, 155.8256

 7.8042, 5.4180,
2.0228

251.3775,
233.5018, 194.3919

 4.0207, 2.4945,
0.5693

301.3793,

 1.7138, 0.8739,

282.0423, 238.8481

0.0000

357.6074,
336.8829, 289.6126

■ 0.4649, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6600, 53.0320,
36.6921

■ 61.6600, 53.0320,
36.6921

■ 56.1790, 45.0607,
25.6453

■ 68.1973, 62.3973,
50.3069

■ 51.6935, 38.4086,
17.0013

■ 75.8393, 73.2111,
66.6347

■ 48.1426, 33.0057,
10.5803

■ 84.6360, 85.5348,
85.8133

■ 45.4565, 28.7719,
6.1755

■ 94.6334, 99.4235,
107.9700

■ 43.5549, 25.6177, 95.0500, 100.0000,
3.5409 108.9000

■ 42.3605, 23.5011,
2.3035

Harmonies

Analogous

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



64.9595, 53.0320, 51.9501



61.6600, 53.0320, 36.6921



55.4204, 53.0320, 28.6489

Triad

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



61.6600, 53.0320, 36.6921



38.8244, 53.0320, 44.9188



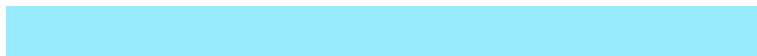
52.5288, 53.0320, 105.0028

Complementary

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



61.6600, 53.0320, 36.6921



60.7059, 73.3091, 105.5582

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.



45.7023, 53.0320, 101.8754



61.6600, 53.0320, 36.6921



38.2056, 53.0320, 63.9509

Square

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



61.6600, 53.0320, 36.6921



42.3876, 53.0320, 32.5748



40.6109, 53.0320, 85.6111



59.3752, 53.0320, 93.3663

Rectangle

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



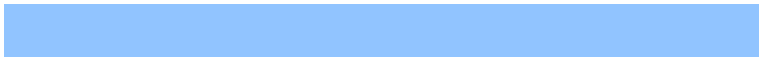
61.6600, 53.0320, 36.6921



50.6601, 53.0320, 27.0614



40.6109, 53.0320, 85.6111



50.1514, 53.0320, 105.6911

Sweetspot

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



61.6614, 53.0346, 36.6931



83.1413, 83.4485, 82.5309



67.6257, 49.7798, 85.4901



17.5407, 17.5051, 17.1065



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.



61.6614, 53.0346, 36.6931



57.3973, 46.8449, 28.0625



73.1309, 75.9736, 40.5163



18.2949, 18.5580, 18.7621



22.2149, 12.4411, 1.2305



2.2343, 1.3539, 0.1436

Inverse Universe

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



60.7059, 73.3091, 105.5582



56.2992, 69.4527, 105.0462



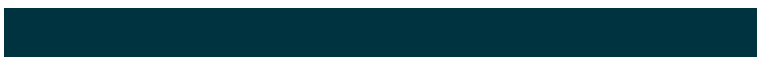
48.2682, 48.4336, 101.4123



18.2374, 19.8465, 23.1195



21.0043, 26.9181, 53.5233



2.1183, 2.7673, 5.2358

Previews

White Background



This preview shows how the XYZ color 61.6600, 53.0320, 36.6921 looks on a white background.

Color Contrast Check

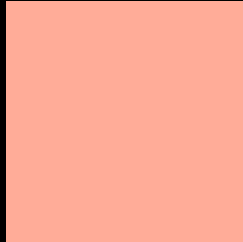
Large Text (above 18pt) WCAG AA × Fail

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 61.6600, 53.0320, 36.6921 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 61.6600, 53.0320, 36.6921

Background



This preview shows how black text looks on a background with the XYZ color 61.6600, 53.0320, 36.6921.



This preview shows how white text looks on a background with the XYZ color 61.6600, 53.0320,

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

61.6600, 53.0320, 36.6921

Protanopia

50.2202, 53.4451, 41.8515

Deuteranopia

54.2180, 53.0687, 36.2398



Tritanopia

63.7685, 52.9721, 50.5797

Trichromacy



Original Color

61.6600, 53.0320, 36.6921

Protanomaly

53.6447, 52.6961, 39.6917

Deuteranomaly

56.8322, 52.8814, 36.4899

Tritanomaly

62.8704, 52.9117, 44.9296

Monochromacy



Original Color

61.6600, 53.0320, 36.6921

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.5223, 53.5470, 50.1098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6600, 53.0320, 36.6921 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(255, 172, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 152)  
}
```

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(255, 172, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 152) }
```

Border

The CSS property to change the border of an element to XYZ 61.6600, 53.0320, 36.6921 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(255, 172, 152) }
```


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

```
.border{ border-color:rgb(255, 172, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6600, 53.0320, 36.6921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 152) }
```

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

```
.background{ background-color: rgb(255,  
172, 152) }
```

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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