

Converting Colors

XYZ(36.1263, 43.9283, 97.1856)

Have a look what the booklet for
XYZ(36.1263, 43.9283, 97.1856)
contains.

XYZ(36.1208, 43.9621, 97.0242)	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(36.1208, 43.9621,
97.0242)**

Conversions

Conversions Part 1

Format	Color
Hex	1BBEFA
RGB	27, 190, 250
RGB Percent	11%, 75%, 98%
CMY	0.8940, 0.2549, 0.0196
CMYK	0.89, 0.24, 0.00, 0.02
HSL	196°, 96%, 54%
HSV	196°, 89%, 98%
XYZ	36.1208, 43.9621, 97.0242
YIQ	148.1030, -116.4080, -15.8960

Conversions

Conversions Part 2

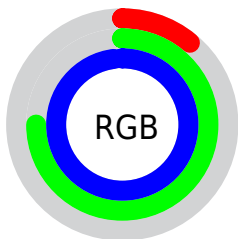
Format	Color
R_{YB}	27, 121, 250
Decimal	1818362
CIE _{Lab}	72.20, -18.02, -40.38
CIE _{LCh}	72, 44.221, 245.955
Yxy	43.9621, 0.2039, 0.2482
Android (android.graphics.Color)	4280008442 (0xFF1BBEFA)
YUV	148.1030, 50.2352, -106.2073
Hunter-Lab	66.3039, -18.7893, -40.3478

Details

The XYZ color **36.1208, 43.9621, 97.0242** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **43.0339, 27.2253, 4.0259**, and the grayscale version is **28.0280, 29.4876, 32.1121**.

A 20% lighter version of the original color is **58.4770, 76.9831, 106.3849**, and **18.5713, 21.7416, 53.6698** is the 20% darker color. If you saturate the color by 10%, you get **34.2712, 40.8958, 96.5307**, and if you desaturate by 10%, it is **38.5784, 47.4430, 97.5675**.

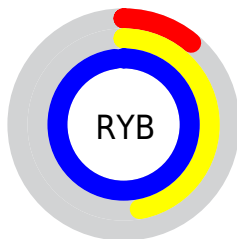
Distribution



Red (11%)

Green (75%)

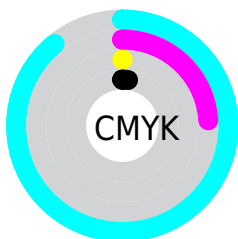
Blue (98%)



Red (11%)

Yellow (47%)

Blue (98%)

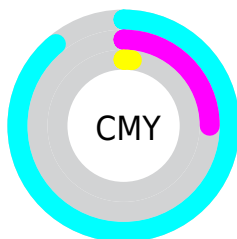


Cyan (89%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (89%)

Magenta (25%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1208, 43.9621, 97.0242 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 36.1208, 43.9621, 97.0242 by changing the saturation by 10% instead.

36.1208, 43.9621,
97.0242

36.1208, 43.9621,
97.0242

320.9103,
362.5536, 571.7742

24.6980, 30.6407,
73.2147

68.5411, 81.1607,
159.0777

15.9798, 20.3254,
53.6586

90.2694, 105.8067,
198.1588

9.6006, 12.6318,
37.9375

116.1636,
134.9964, 243.1675

5.1952, 7.1755,
25.6327

146.5890,
169.1141, 294.5224

2.3982, 3.5721,
16.3258

181.9110,
208.5443, 352.6419

0.8442, 1.4372,
9.5981

222.4950,

0.0000, 0.2439,

253.6714, 417.9447

5.0312

268.7063,
304.8797, 490.8493

■ 0.0000, 0.0000,
2.2065

■ 0.0000, 0.0000,
0.6781

■ 36.1208, 43.9621,
97.0242

■ 36.1208, 43.9621,
97.0242

■ 34.2712, 40.8958,
96.5307

■ 38.5784, 47.4430,
97.5675

■ 34.1328, 40.6568,
96.4919

■ 41.7829, 51.4095,
98.1642

■ 45.8311, 55.9133,
98.8201

■ 50.8033, 60.9972,
99.5394

■ 56.7698, 66.6986,
100.3254

■ 63.7940, 73.0513,
101.1814

■ 71.9337, 80.0865,
102.1103

■ 81.2423, 87.8328,
103.1148

■ 91.7697, 96.3170,
104.1976

Harmonies

Analogous

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



31.0584, 43.9621, 76.8092



36.1208, 43.9621, 97.0242



43.3156, 43.9621, 102.5694

Triad

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



36.1208, 43.9621, 97.0242



58.0289, 43.9621, 43.6646



33.7951, 43.9621, 21.3975

Complementary

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



36.1208, 43.9621, 97.0242



43.0339, 27.2253, 4.0259

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.



40.2902, 43.9621, 17.1889



36.1208, 43.9621, 97.0242



54.7335, 43.9621, 27.2973

Square

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



36.1208, 43.9621, 97.0242



56.5644, 43.9621, 66.9773



48.0116, 43.9621, 18.9635



29.8337, 43.9621, 32.7891

Rectangle

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



36.1208, 43.9621, 97.0242



48.4963, 43.9621, 96.0854



48.0116, 43.9621, 18.9635



35.7227, 43.9621, 19.2825

Sweetspot

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



36.1224, 43.9636, 97.0253



68.4680, 77.9415, 106.0433



36.3385, 69.2852, 20.3667



14.0716, 16.1684, 22.6291



0.0000, 0.0000, 0.0000



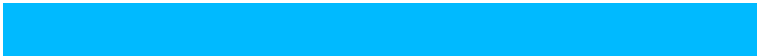
20.3446, 21.4041, 23.3091

Same Dimension

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



36.1224, 43.9636, 97.0253



35.6893, 42.4986, 100.9298



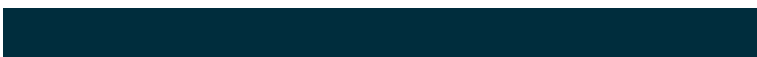
20.5087, 12.7364, 91.8208



17.3476, 18.7721, 22.0943



18.2301, 21.8157, 51.2236



1.7759, 2.1954, 4.7733

Inverse Universe

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



49.1120, 24.8275, 50.9202



50.1435, 24.8214, 48.8152



59.8115, 60.7805, 9.6184



17.7820, 17.4402, 20.7078



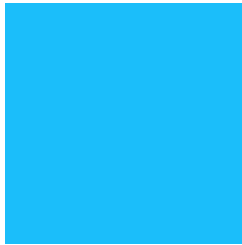
25.4937, 12.6132, 25.1061



2.4053, 1.1859, 2.5577

Previews

White Background



This preview shows how the XYZ color 36.1208, 43.9621, 97.0242 looks on a white background.

Color Contrast Check

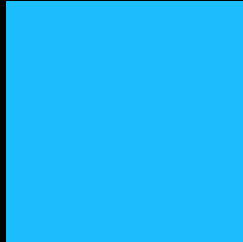
Large Text (above 18pt) WCAG AA × Fail

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 36.1208, 43.9621, 97.0242 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

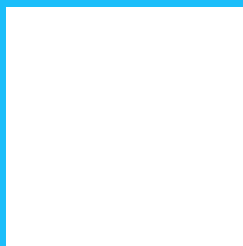
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1208, 43.9621, 97.0242

Background



This preview shows how black text looks on a background with the XYZ color 36.1208, 43.9621, 97.0242.



This preview shows how white text looks on a background with the XYZ color 36.1208, 43.9621,

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

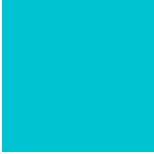
36.1208, 43.9621, 97.0242

Protanopia

44.1343, 43.1697, 86.1272

Deuteranopia

44.7025, 43.4476, 99.7961



Tritanopia

31.1480, 43.6834, 67.7628

Trichromacy



Original Color

36.1208, 43.9621, 97.0242



Protanomaly

38.5775, 41.9660, 90.0714



Deuteranomaly

39.5304, 42.5591, 99.0598



Tritanomaly

32.7857, 43.6407, 77.9297

Monochromacy



Original Color

36.1208, 43.9621, 97.0242



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

27.5631, 32.6402, 50.7464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1208, 43.9621, 97.0242 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(27, 190, 250)` looks like.

```
.text, #text, p{  
    color:rgb(27, 190, 250)  
}
```

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(27, 190, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 190, 250) }
```

Border

The CSS property to change the border of an element to XYZ 36.1208, 43.9621, 97.0242 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(27, 190, 250) }
```


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

```
.border{ border-color:rgb(27, 190, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 190, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 190, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 190, 250);  
box-shadow:4px 4px 4px 4px rgb(27, 190,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1208, 43.9621, 97.0242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 190, 250) }
```

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

```
.background{ background-color: rgb(27, 190,  
250) }
```

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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