

Converting Colors

XYZ(24.1996, 29.1625, 36.7012)

Have a look what the booklet for
XYZ(24.1996, 29.1625, 36.7012)
contains.

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Color

**XYZ(24.1996, 29.1625,
36.7012)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9B9E
RGB	109, 155, 158
RGB Percent	43%, 61%, 62%
CMY	0.5725, 0.3921, 0.3804
CMYK	0.31, 0.02, 0.00, 0.38
HSL	184°, 20%, 52%
HSV	184°, 31%, 62%
XYZ	24.1996, 29.1625, 36.7012
YIQ	141.5880, -28.3790, -8.8190

Conversions

Conversions Part 2

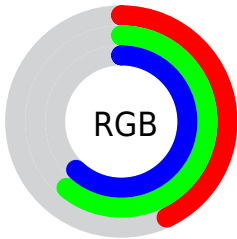
Format	Color
R_{YB}	109, 133, 158
Decimal	7183262
CIE _{Lab}	60.92, -14.67, -6.56
CIE _{LCh}	61, 16.069, 204.093
Yxy	29.1625, 0.2687, 0.3238
Android (android.graphics.Color)	4285373342 (0xFF6D9B9E)
YUV	141.5880, 8.0911, -28.5797
Hunter-Lab	54.0023, -14.5144, -2.4932

Details

The XYZ color **24.1996, 29.1625, 36.7012** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.6555, 19.9619, 17.1277**, and the grayscale version is **25.5263, 26.8557, 29.2459**.

A 20% lighter version of the original color is **49.9571, 58.5787, 71.6246**, and **9.3491, 11.8617, 15.7067** is the 20% darker color. If you saturate the color by 10%, you get **22.2679, 27.9295, 36.5655**, and if you desaturate by 10%, it is **26.4837, 30.5805, 36.8550**.

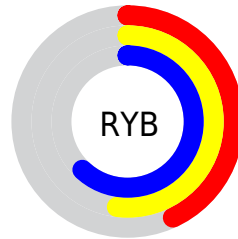
Distribution



Red (43%)

Green (61%)

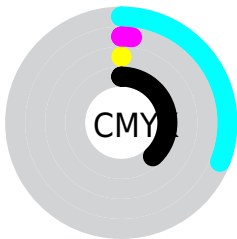
Blue (62%)



Red (43%)

Yellow (52%)

Blue (62%)

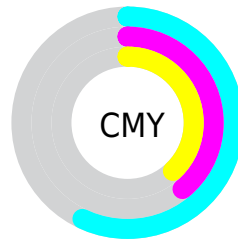


Cyan (31%)

Magenta (2%)

Yellow (0%)

Black (38%)



Cyan (57%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1996, 29.1625, 36.7012 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 24.1996, 29.1625, 36.7012 by changing the saturation by 10% instead.

■ 24.1996, 29.1625,
36.7012

■ 24.1996, 29.1625,
36.7012

266.2498,
297.9809, 347.1447

■ 15.6073, 19.2038,
24.6823

■ 49.8080, 58.3352,
71.2942

■ 9.3358, 11.8176,
15.6236

■ 67.5549, 78.3179,
94.7053

■ 5.0197, 6.6196,
9.1068

■ 89.0839, 102.4108,
122.7509

■ 2.2937, 3.2254,
4.7131

■ 114.7605,
130.9982, 155.8495

■ 0.7914, 1.2505,
2.0242

144.9501,
164.4645, 194.4196

■ 0.0000, 0.1024,
0.5701

180.0179,

■ 0.0000, 0.0000,

203.1941, 238.8798

0.0000

220.3294,
247.5715, 289.6487

■ 24.1996, 29.1625,
36.7012

■ 24.1996, 29.1625,
36.7012

■ 22.2679, 27.9295,
36.5655

■ 26.4837, 30.5805,
36.8550

■ 20.6674, 26.8684,
36.4450

■ 29.1350, 32.1891,
37.0258

■ 19.3783, 25.9697,
36.3395

■ 32.1704, 33.9976,
37.2148

■ 18.3779, 25.2218,
36.2479

■ 35.6053, 36.0139,
37.4230

■ 17.6404, 24.6113,
36.1689

■ 39.4540, 38.2455,
37.6509

■ 17.1353, 24.1225,
36.1012

■ 43.7302, 40.6994,
37.8992

■ 16.8139, 23.7531,
36.0468

■ 48.4469, 43.3824,
38.1684

■ 53.6166, 46.3008,
38.4593

■ 59.2513, 49.4608,
38.7722

Harmonies

Analogous

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



23.8997, 29.1625, 30.5799



24.1996, 29.1625, 36.7012



25.4212, 29.1625, 42.0485

Triad

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



24.1996, 29.1625, 36.7012



31.1120, 29.1625, 39.0141



28.1349, 29.1625, 21.6009

Complementary

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



24.1996, 29.1625, 36.7012



22.6555, 19.9619, 17.1277

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.



30.1493, 29.1625, 23.2923



24.1996, 29.1625, 36.7012



31.9229, 29.1625, 32.9557

Square

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



24.1996, 29.1625, 36.7012



29.3959, 29.1625, 43.4972



31.5621, 29.1625, 27.2708



26.1053, 29.1625, 22.3394

Rectangle

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



24.1996, 29.1625, 36.7012



26.6282, 29.1625, 44.1959



31.5621, 29.1625, 27.2708



28.8373, 29.1625, 21.8967

Sweetspot

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



24.2005, 29.1637, 36.7019



53.8670, 59.0296, 67.2982



21.4283, 28.8631, 19.6117



11.9808, 13.2101, 15.1620



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.2005, 29.1637, 36.7019



41.5238, 51.4206, 66.4801



20.6019, 21.9666, 35.5024



6.7871, 7.4399, 8.4850



13.4765, 19.0445, 28.8729



0.2504, 0.3593, 0.5194

Inverse Universe

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



25.4863, 20.5737, 33.6394



44.2518, 33.4579, 59.9244



25.6586, 25.9681, 18.1287



6.8866, 6.7476, 8.2541



15.6005, 7.5448, 23.2110



0.2837, 0.1368, 0.4400

Previews

White Background



This preview shows how the XYZ color 24.1996, 29.1625, 36.7012 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1996, 29.1625, 36.7012 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 × Fail

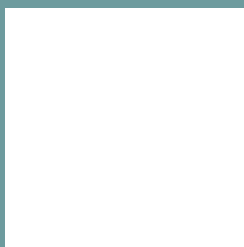
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1996, 29.1625, 36.7012

Background



This preview shows how black text looks on a background with the XYZ color 24.1996, 29.1625, 36.7012.

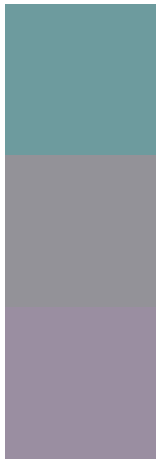


This preview shows how white text looks on a background with the XYZ color 24.1996, 29.1625,

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

24.1996, 29.1625, 36.7012

Protanopia

27.9790, 29.0278, 33.8340

Deuteranopia

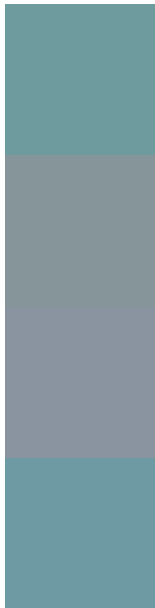
29.4324, 28.7892, 37.7238



Tritanopia

24.9941, 29.2439, 40.4037

Trichromacy



Original Color

24.1996, 29.1625, 36.7012

Protanomaly

26.2530, 28.8145, 34.7499

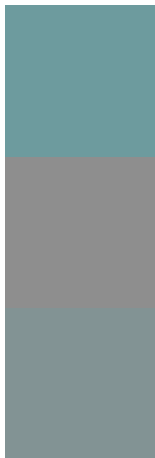
Deuteranomaly

27.2601, 28.8088, 37.3816

Tritanomaly

24.5969, 29.0705, 38.9651

Monochromacy



Original Color

24.1996, 29.1625, 36.7012

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.9849, 27.7514, 32.0567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1996, 29.1625, 36.7012 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(109, 155, 158)` looks like.

```
.text, #text, p{  
    color:rgb(109, 155, 158)  
}
```

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(109, 155, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 155, 158) }
```

Border

The CSS property to change the border of an element to XYZ 24.1996, 29.1625, 36.7012 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(109, 155, 158) }
```


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

```
.border{ border-color:rgb(109, 155, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 155, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 155, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 155, 158);  
box-shadow:4px 4px 4px 4px rgb(109, 155,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1996, 29.1625, 36.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 155, 158) }
```

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

```
.background{ background-color: rgb(109,  
155, 158) }
```

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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