

Converting Colors

XYZ(22.1421, 26.9962, 37.2520)

Have a look what the booklet for
XYZ(22.1421, 26.9962, 37.2520)
contains.

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Color

**XYZ(22.2356, 27.1581,
37.3278)**

Conversions

Conversions Part 1

Format	Color
Hex	6097A0
RGB	96, 151, 160
RGB Percent	38%, 59%, 63%
CMY	0.6235, 0.4078, 0.3725
CMYK	0.40, 0.06, 0.00, 0.37
HSL	188°, 25%, 50%
HSV	188°, 40%, 63%
XYZ	22.2356, 27.1581, 37.3278
YIQ	135.5810, -35.6690, -8.8610

Conversions

Conversions Part 2

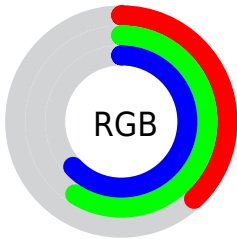
Format	Color
R_{YB}	96, 126, 160
Decimal	6330272
CIE _{Lab}	59.12, -15.71, -10.46
CIE _{LCh}	59, 18.871, 213.656
Yxy	27.1581, 0.2564, 0.3132
Android (android.graphics.Color)	4284520352 (0xFF6097A0)
YUV	135.5810, 12.0386, -34.7125
Hunter-Lab	52.1134, -15.0367, -5.9888

Details

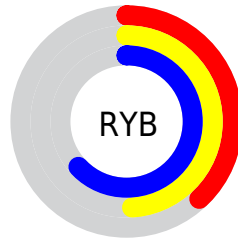
The XYZ color **22.2356, 27.1581, 37.3278** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.6604, 18.4215, 13.4809**, and the grayscale version is **23.2119, 24.4207, 26.5942**.

A 20% lighter version of the original color is **46.4915, 54.9585, 72.4477**, and **8.3137, 10.7321, 16.1013** is the 20% darker color. If you saturate the color by 10%, you get **20.3621, 25.6606, 37.1380**, and if you desaturate by 10%, it is **24.4602, 28.8482, 37.5372**.

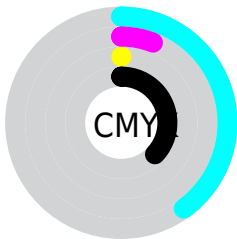
Distribution



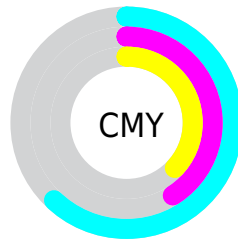
- Red (38%)
- Green (59%)
- Blue (63%)



- Red (38%)
- Yellow (49%)
- Blue (63%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (62%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2356, 27.1581, 37.3278 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 22.2356, 27.1581, 37.3278 by changing the saturation by 10% instead.

■ 22.2356, 27.1581,
37.3278

■ 22.2356, 27.1581,
37.3278

256.3835,
288.4218, 349.9389

■ 14.1477, 17.6920,
25.1636

■ 46.6110, 55.1375,
72.2686

■ 8.3058, 10.7291,
15.9789

■ 63.6293, 74.4195,
95.8823

■ 4.3447, 5.8850,
9.3550

■ 84.3550, 97.7423,
124.1496

■ 1.8989, 2.7753,
4.8735

■ 109.1536,
125.4903, 157.4890

■ 0.5762, 1.0156,
2.1158

138.3904,
158.0479, 196.3191

■ 0.0000, 0.0000,
0.6251

172.4307,

■ 0.0000, 0.0000,

195.7994, 241.0585

0.0000

211.6400,
239.1292, 292.1255

■ 22.2356, 27.1581,
37.3278

■ 22.2356, 27.1581,
37.3278

■ 20.3621, 25.6606,
37.1380

■ 24.4602, 28.8482,
37.5372

■ 18.8164, 24.3416,
36.9648

■ 27.0528, 30.7376,
37.7653

■ 17.5761, 23.1901,
36.8080

■ 30.0318, 32.8367,
38.0134

■ 16.6146, 22.1926,
36.6661

■ 33.4140, 35.1540,
38.2825

■ 15.9013, 21.3329,
36.5378

■ 37.2149, 37.6976,
38.5731

■ 15.3629, 20.5735,
36.4195

■ 41.4494, 40.4753,
38.8861

■ 15.3629, 20.5734,
36.4195

■ 46.1314, 43.4943,
39.2220

■ 51.2745, 46.7616,
39.5816

■ 56.8915, 50.2839,
39.9654

Harmonies

Analogous

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



21.5659, 27.1581, 30.4024



22.2356, 27.1581, 37.3278



23.8616, 27.1581, 42.7317

Triad

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



22.2356, 27.1581, 37.3278



30.0723, 27.1581, 35.6851



25.5262, 27.1581, 18.4562

Complementary

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



22.2356, 27.1581, 37.3278



21.6604, 18.4215, 13.4809

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.



27.8680, 27.1581, 19.4341



22.2356, 27.1581, 37.3278



30.5840, 27.1581, 28.7540

Square

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



22.2356, 27.1581, 37.3278



28.3958, 27.1581, 41.6869



29.7548, 27.1581, 22.9701



23.3917, 27.1581, 20.0638

Rectangle

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



22.2356, 27.1581, 37.3278



25.3175, 27.1581, 44.3667



29.7548, 27.1581, 22.9701



26.3149, 27.1581, 18.4948

Sweetspot

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



22.2364, 27.1592, 37.3284



53.2585, 58.7366, 68.9168



19.9211, 28.6393, 17.7177



11.5346, 12.7797, 15.1025



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.



22.2364, 27.1592, 37.3284



37.3073, 46.8677, 67.4666



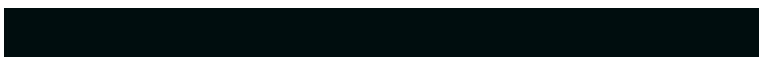
17.8221, 18.3304, 35.8570



6.7423, 7.3504, 8.4701



11.9914, 16.0743, 28.3779



0.2342, 0.3270, 0.5140

Inverse Universe

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



24.2666, 18.0743, 31.4891



41.6119, 28.3897, 54.9095



25.4885, 26.0776, 14.7569



6.8640, 6.7385, 8.1351



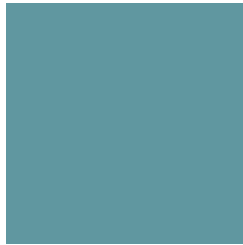
14.8509, 7.2449, 19.2636



0.2755, 0.1335, 0.3971

Previews

White Background



This preview shows how the XYZ color 22.2356, 27.1581, 37.3278 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 22.2356, 27.1581, 37.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

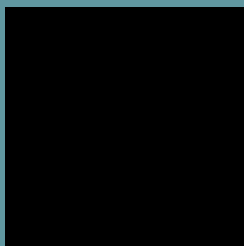
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

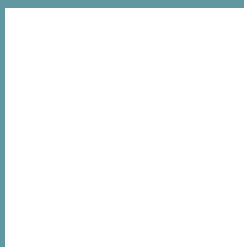
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.2356, 27.1581, 37.3278

Background



This preview shows how black text looks on a background with the XYZ color 22.2356, 27.1581, 37.3278.



This preview shows how white text looks on a background with the XYZ color 22.2356, 27.1581,

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

22.2356, 27.1581, 37.3278

Protanopia

26.3421, 27.0456, 34.4038

Deuteranopia

27.3764, 26.8410, 38.3883



Tritanopia

22.6072, 27.3189, 38.7319

Trichromacy



Original Color

22.2356, 27.1581, 37.3278

Protanomaly

24.5836, 27.0111, 35.3705

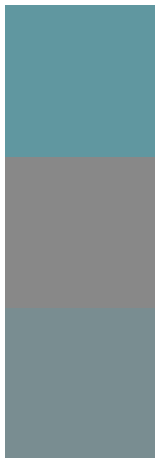
Deuteranomaly

25.0964, 26.7656, 38.0260

Tritanomaly

22.5180, 27.2832, 38.2618

Monochromacy



Original Color

22.2356, 27.1581, 37.3278

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.5209, 25.1590, 30.4573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2356, 27.1581, 37.3278 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(96, 151, 160)` looks like.

```
.text, #text, p{  
    color:rgb(96, 151, 160)  
}
```

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(96, 151, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 151, 160) }
```

Border

The CSS property to change the border of an element to XYZ 22.2356, 27.1581, 37.3278 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(96, 151, 160) }
```


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

```
.border{ border-color:rgb(96, 151, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 151, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 151, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 151, 160);  
box-shadow:4px 4px 4px 4px rgb(96, 151,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2356, 27.1581, 37.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 151, 160) }
```

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

```
.background{ background-color: rgb(96, 151,  
160) }
```

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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